

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063336.D
 Acq On : 14 Sep 2020 12:32
 Operator : JC/MD
 Sample : L3981-08ME
 Misc : 7.33g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6ME

Quant Time: Sep 15 05:08:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	387141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	720010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	708888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	316896	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	297144	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
35) Dibromofluoromethane	7.55	113	231035	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
50) Toluene-d8	10.06	98	925933	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.38	95	358489	54.53	ug/l	0.00
Spiked Amount			Recovery	=	109.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	2021	Below Cal	#	74
10) Methyl Iodide	3.91	142	1334	0.242	ug/l #	74
11) Tert butyl alcohol	4.72	59	462	0.574	ug/l #	91
13) Acrolein	3.57	56	212	32.879	ug/l	96
14) Allyl chloride	4.27	41	4931	0.566	ug/l #	27
15) Acrylonitrile	4.95	53	883	0.402	ug/l #	43
16) Acetone	3.79	43	12892	6.138	ug/l	99
17) Carbon Disulfide	4.00	76	2749	Below Cal	#	73
18) Methyl Acetate	4.27	43	292580	55.415	ug/l	96
20) Methylene Chloride	4.50	84	2458	Below Cal	#	68
25) 2-Butanone	6.80	43	5920	1.908	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	48530	8.771	ug/l	85
31) Cyclohexane	7.62	56	12628	1.480	ug/l #	21
36) 1,1-Dichloropropene	7.62	75	34591	4.674	ug/l #	53
38) Carbon Tetrachloride	7.62	117	41877	5.749	ug/l #	16
39) Methylcyclohexane	9.05	83	18661	2.311	ug/l	94
40) Benzene	8.00	78	7715	0.365	ug/l	98
41) Methacrylonitrile	7.15	41	847	0.257	ug/l #	100
44) Trichloroethene	8.80	130	57914	10.476	ug/l	99
49) 1,4-Dioxane	9.17	88	185	2.031	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	2186	0.322	ug/l #	74
52) Toluene	10.13	92	7508	0.582	ug/l	90
55) 1,1,2-Trichloroethane	10.50	97	5681	1.123	ug/l #	23
56) Ethyl methacrylate	10.40	69	2907	0.378	ug/l #	51
60) Dibromochloromethane	10.60	129	1927876	347.151	ug/l #	10
64) Tetrachloroethene	10.60	164	1970696	339.355	ug/l	99
68) m/p-Xylenes	11.59	106	9285	0.916	ug/l	89
69) o-Xylene	11.92	106	5610	0.577	ug/l	93
70) Styrene	11.95	104	5424	0.336	ug/l #	70
71) Bromoform	12.38	173	774	0.201	ug/l #	1
73) Isopropylbenzene	12.23	105	7845	0.307	ug/l	79
76) 1,2,3-Trichloropropane	12.38	75	196056	28.043	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	29582	1.394	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.38	75	196056	75.347	ug/l #	9

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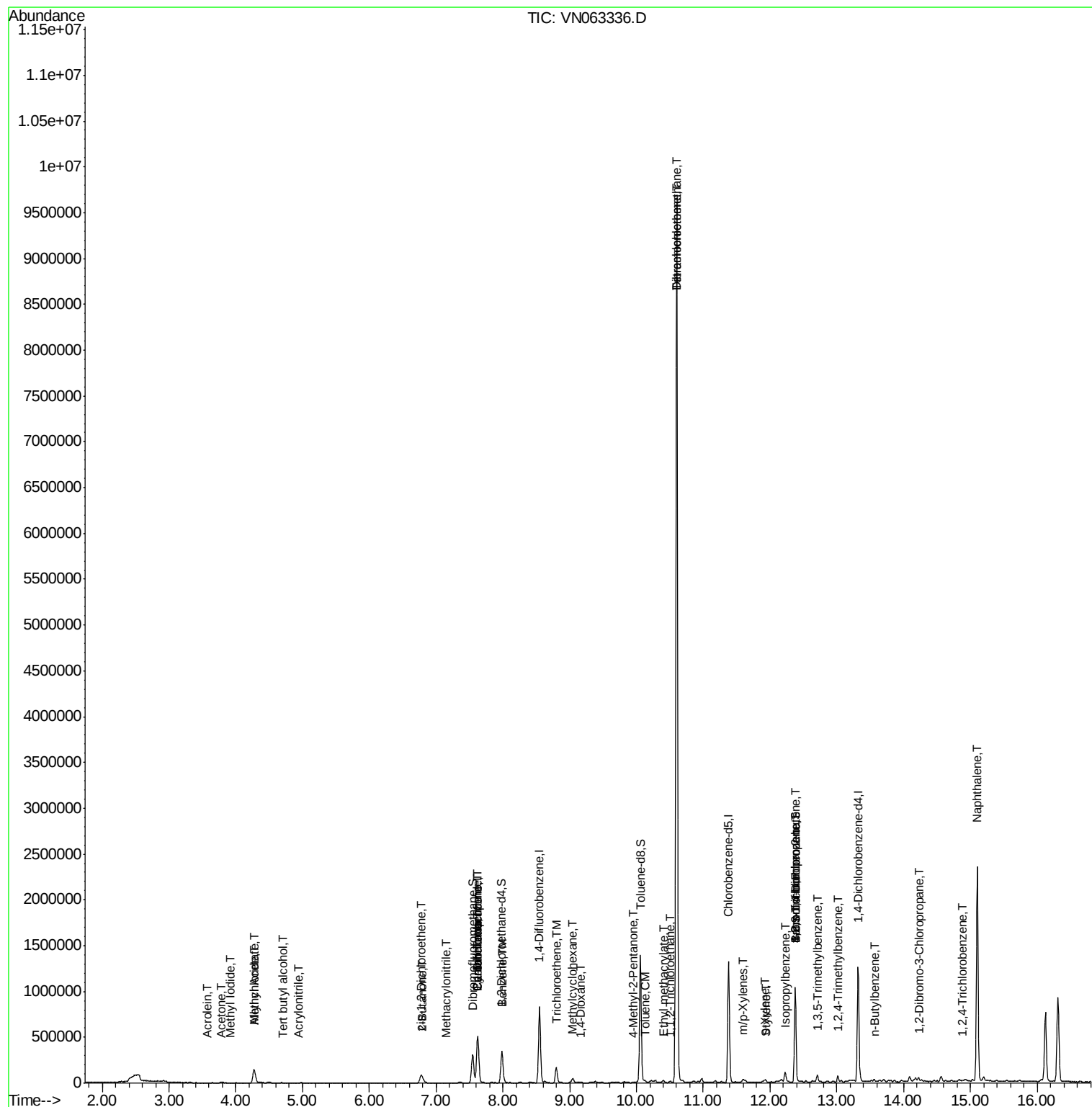
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.02	105	37807	1.767	ug/l	94
88) 1,4-Dichlorobenzene	13.34	146	2303	Below Cal	#	70
89) n-Butylbenzene	13.59	91	3888	0.205	ug/l #	77
92) 1,2-Dibromo-3-Chloropropan	14.24	75	585	0.351	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.88	180	1962	0.316	ug/l #	60
94) Hexachlorobutadiene	14.98	225	1197	Below Cal		84
95) Naphthalene	15.10	128	1915033	103.085	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	899	Below Cal	#	1

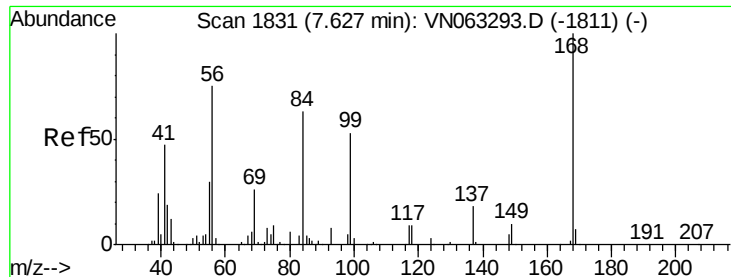
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

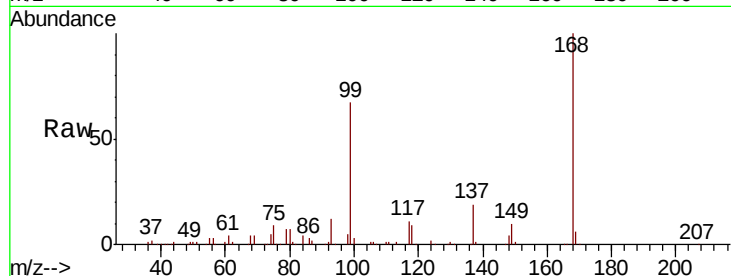
B19-4-6ME

Tot Ion:168 Resp: 387141

Ion Ratio Lower Upper

168 100

99 66.6 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

100000

50000

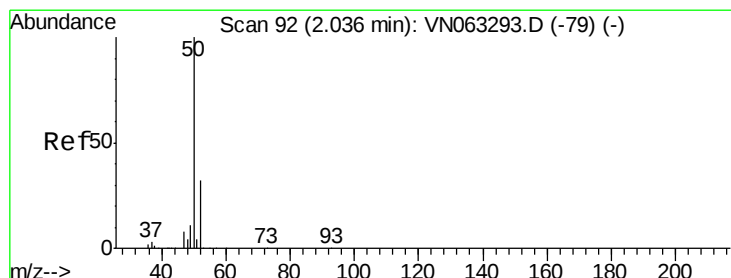
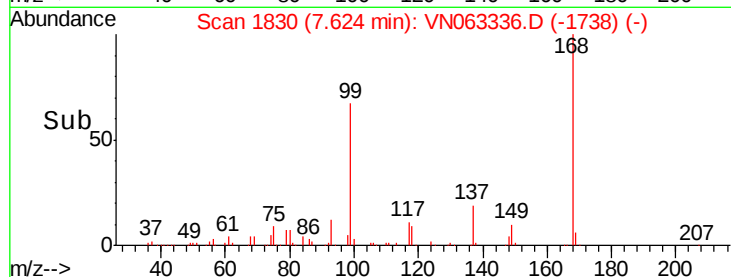
0

Time-->

7.50

7.60

7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 89

Delta R.T. -0.01 min

Lab File: VN063336.D

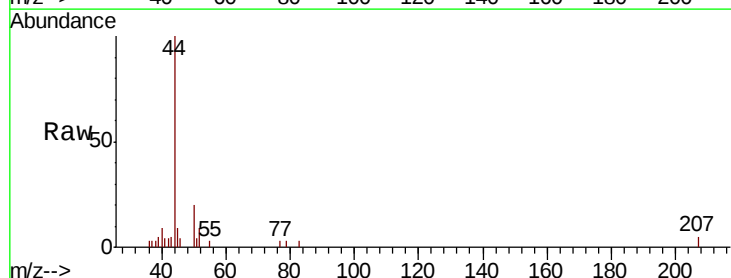
Acq: 14 Sep 2020 12:32

Tgt Ion: 50 Resp: 2021

Ion Ratio Lower Upper

50 100

52 46.4 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

1200

1000

800

600

400

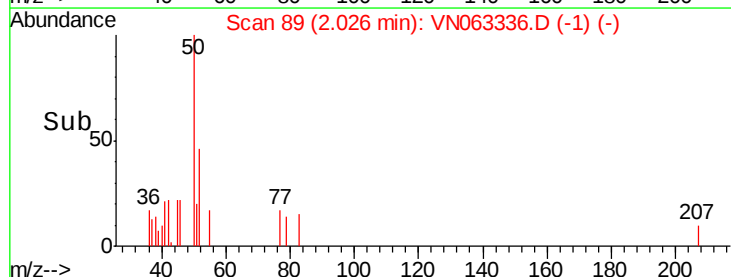
200

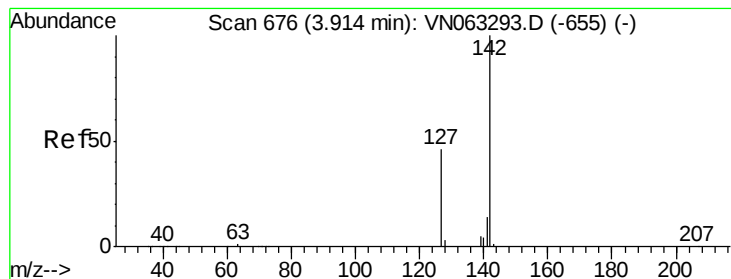
0

Time-->

2.00

2.05





#10

Methvl Iodide

Concen: 0.242 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.01 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

B19-4-6ME

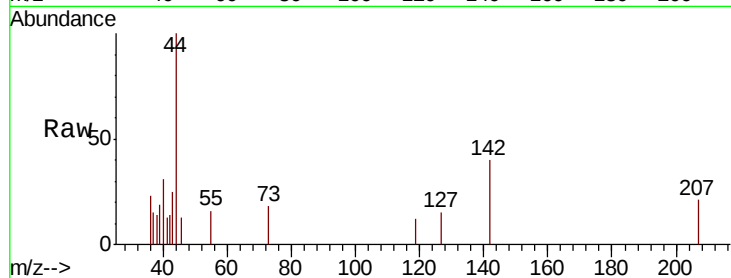
Tot Ion:142 Resp: 1334

Ion Ratio Lower Upper

142 100

127 31.4 37.1 55.7#

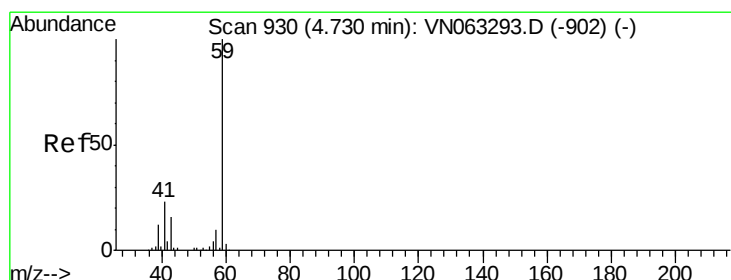
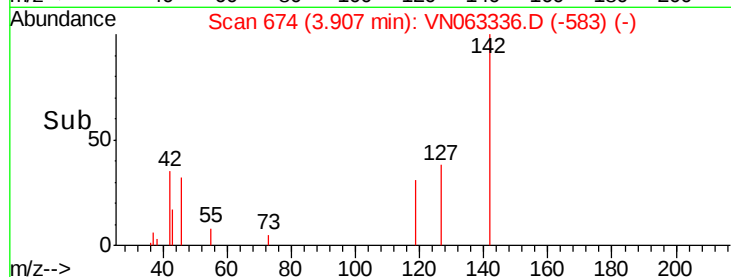
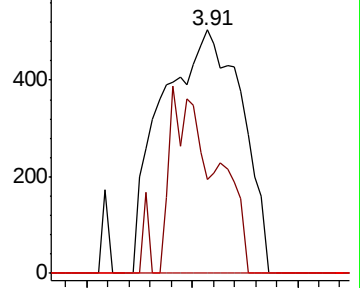
141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 0.574 ug/l

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN063336.D

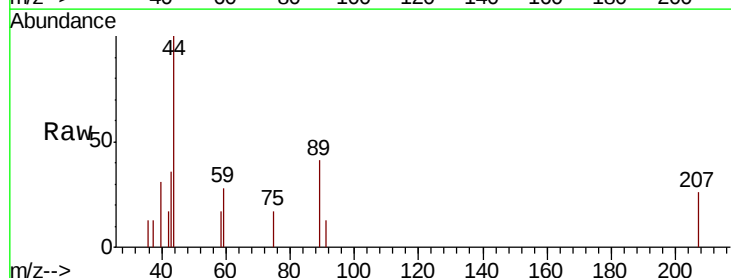
Acq: 14 Sep 2020 12:32

Tgt Ion: 59 Resp: 462

Ion Ratio Lower Upper

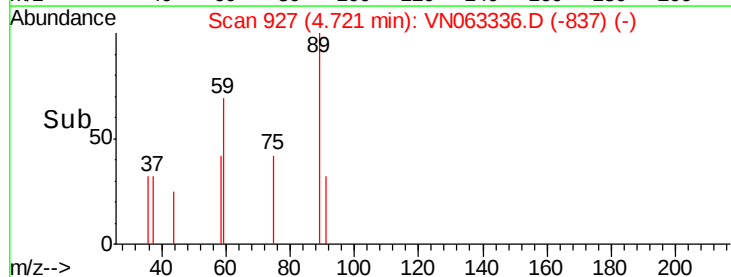
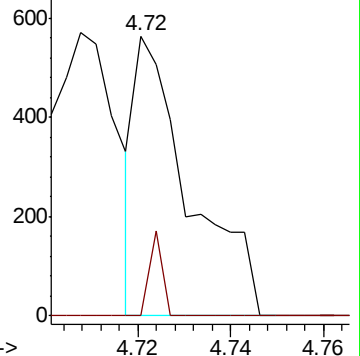
59 100

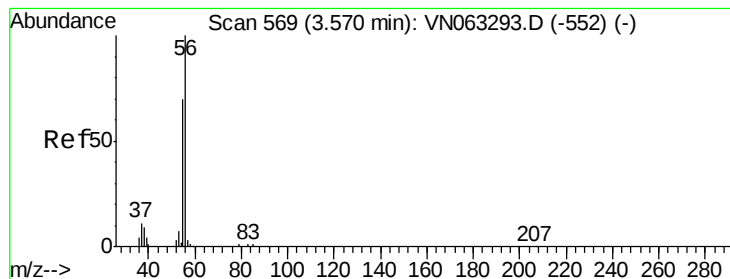
57 7.1 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V





#13

Acrolein

Concen: 32.879 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

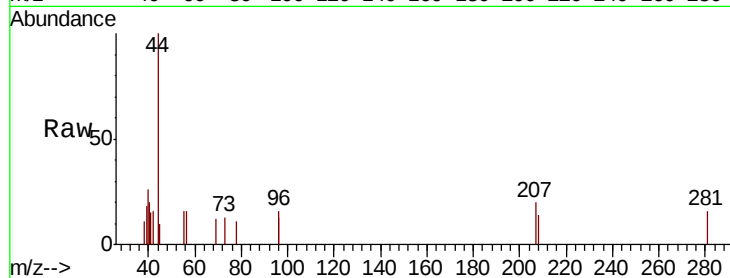
B19-4-6ME

Tot Ion: 56 Resp: 212

Ion Ratio Lower Upper

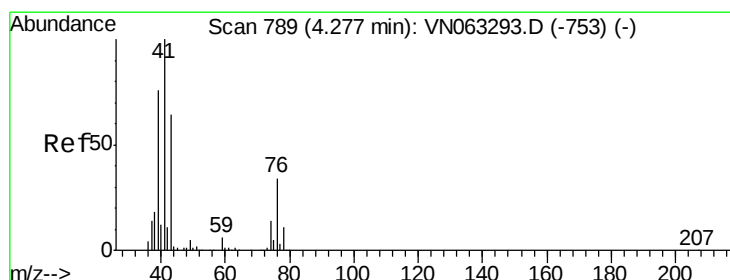
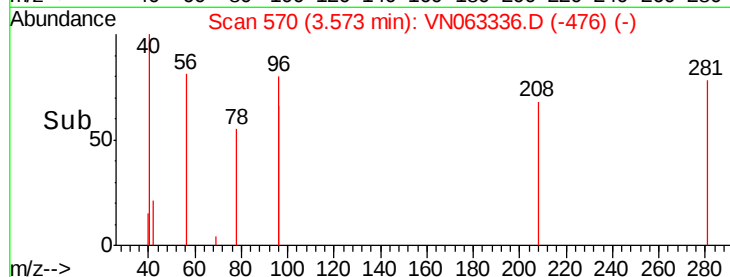
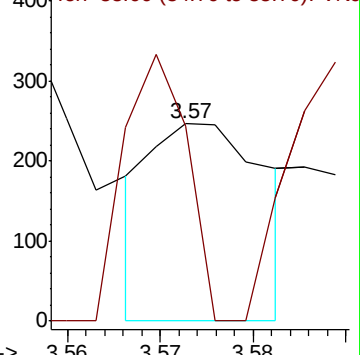
56 100

55 74.5 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.566 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

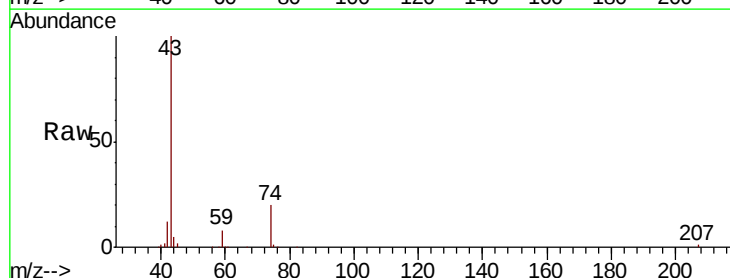
Tgt Ion: 41 Resp: 4931

Ion Ratio Lower Upper

41 100

39 4.9 57.4 86.2#

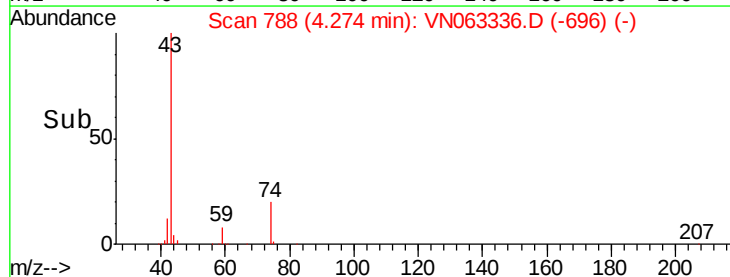
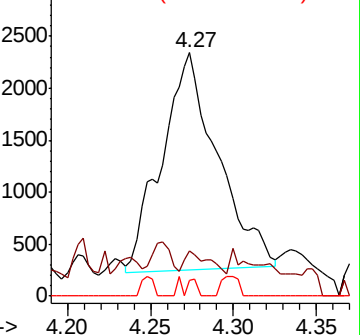
76 0.0 25.7 38.5#

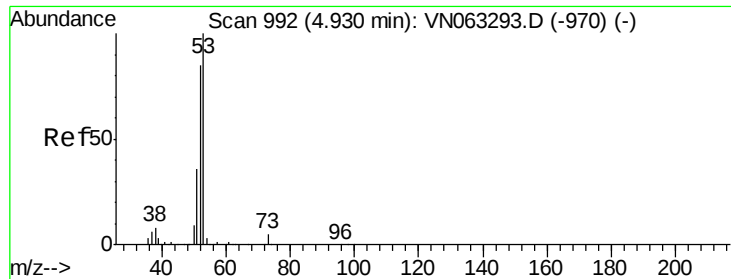


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 0.402 ug/l

RT: 4.95 min Scan# 999

Delta R.T. 0.02 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

B19-4-6ME

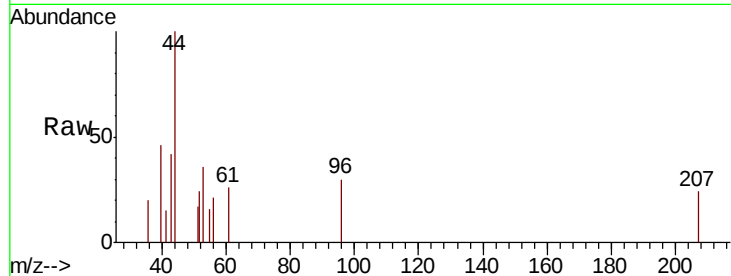
Tot Ion: 53 Resp: 883

Ion Ratio Lower Upper

53 100

52 22.7 66.5 99.7#

51 17.2 29.8 44.6#



Abundance Ion 53.00 (52.70 to 53.70): VN063336.D (-999) (-)

Ion 52.00 (51.70 to 52.70): VN063336.D (-999) (-)

Ion 51.00 (50.70 to 51.70): VN063336.D (-999) (-)

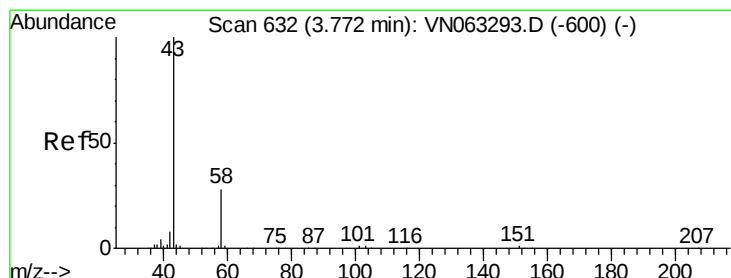
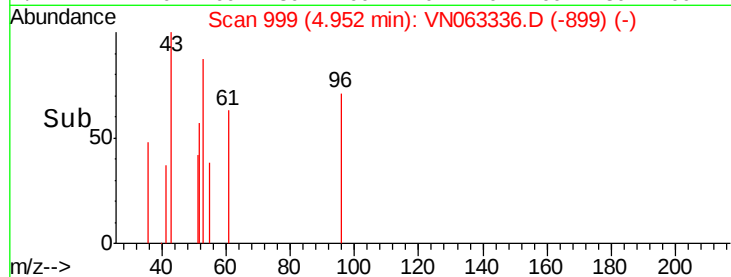
4.95

4.90

4.95

5.00

Time-->



#16

Acetone

Concen: 6.138 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN063336.D

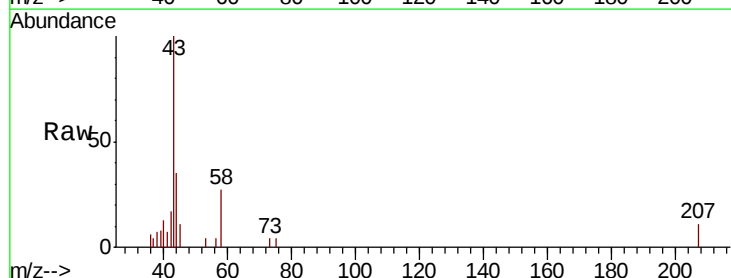
Acq: 14 Sep 2020 12:32

Tgt Ion: 43 Resp: 12892

Ion Ratio Lower Upper

43 100

58 28.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN063336.D (-637) (-)

Ion 58.00 (57.70 to 58.70): VN063336.D (-637) (-)

3.79

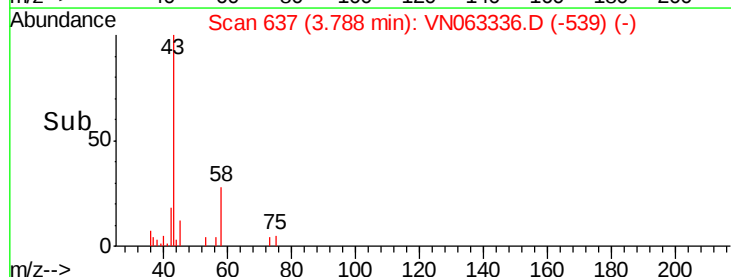
3.70

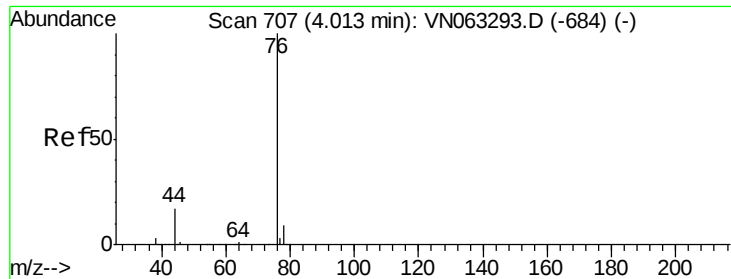
3.75

3.80

3.85

Time-->

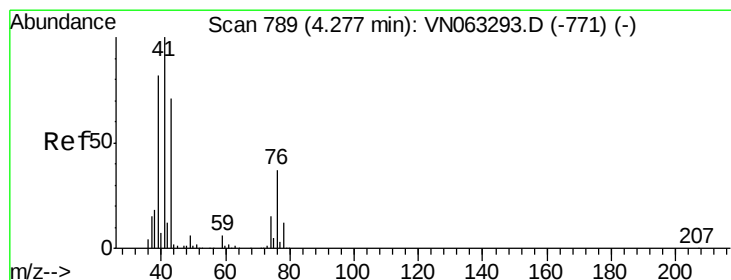
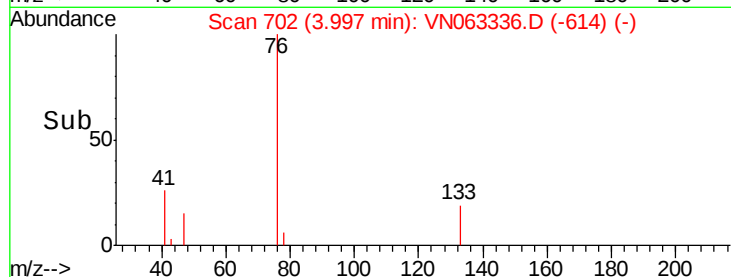
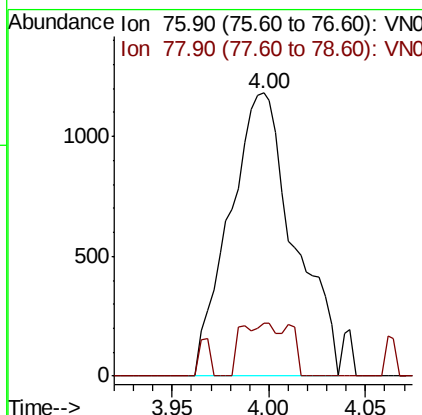
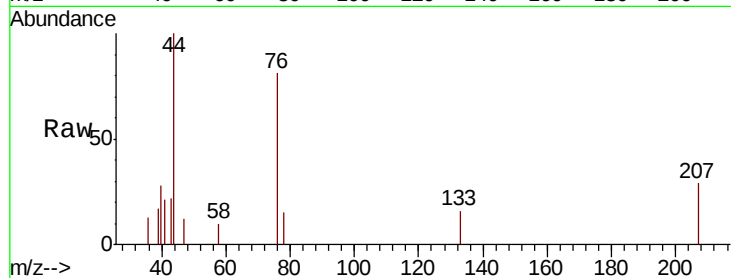




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.00 min Scan# 702
Delta R.T. -0.02 min
Lab File: VN063336.D
Acq: 14 Sep 2020 12:32

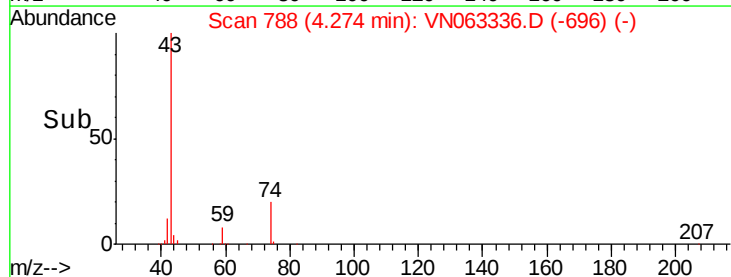
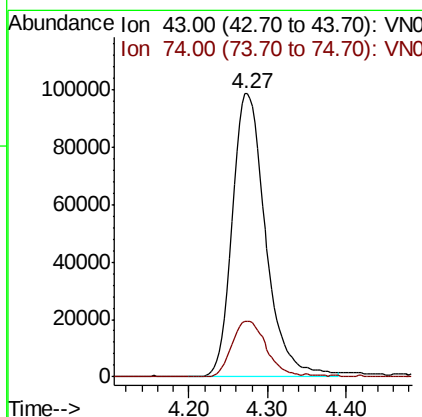
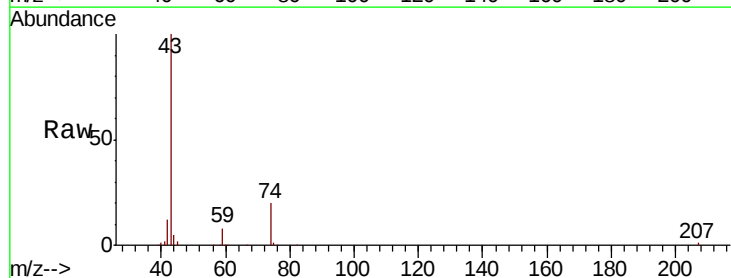
Instrument :
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B19-4-6ME

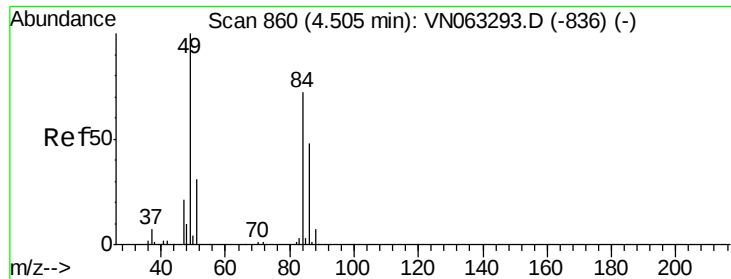
Tot Ion: 76 Resp: 2749
Ion Ratio Lower Upper
76 100
78 18.9 7.2 10.8#



#18
Methyl Acetate
Concen: 55.415 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063336.D
Acq: 14 Sep 2020 12:32

Tgt Ion: 43 Resp: 292580
Ion Ratio Lower Upper
43 100
74 20.2 17.8 26.6

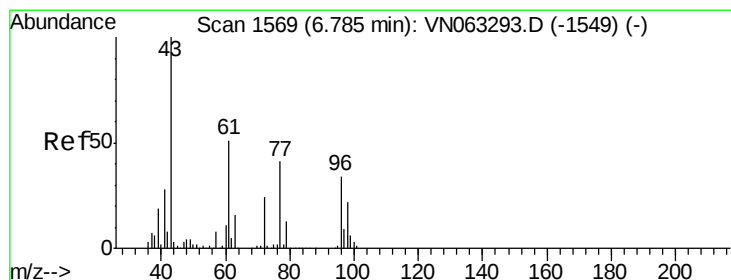
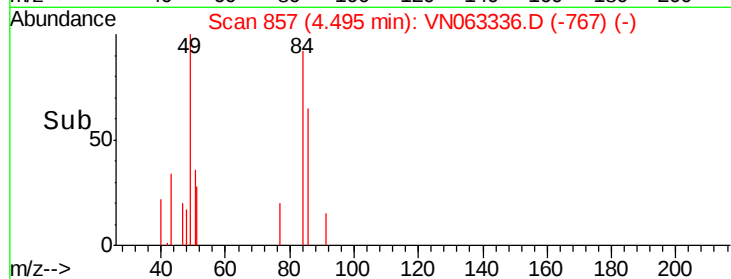
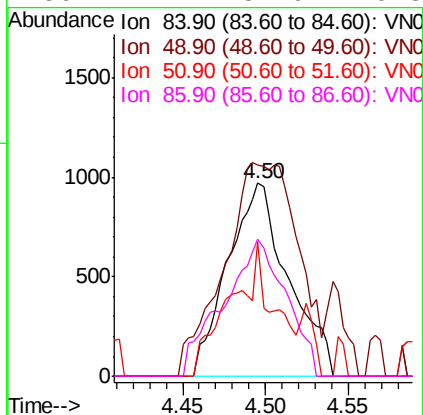
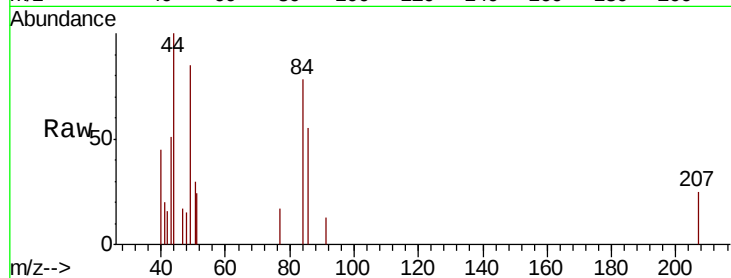




#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN063336.D
Acq: 14 Sep 2020 12:32

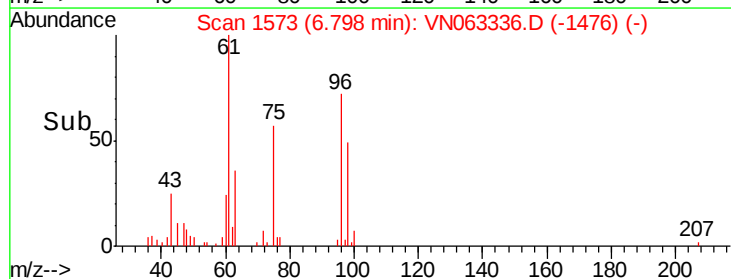
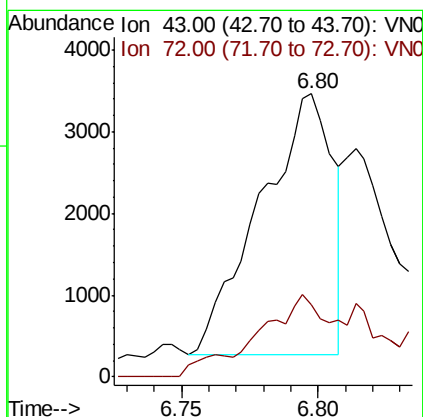
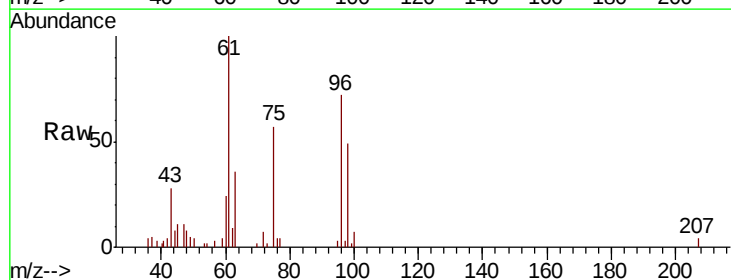
Instrument :
MSVOA_N
ClientSampled :
B19-4-6ME

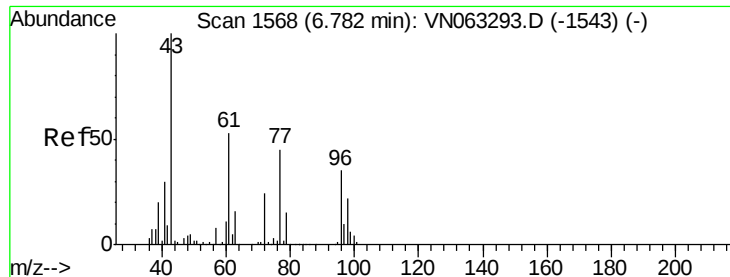
Tot Ion: 84 Resp: 2458
Ion Ratio Lower Upper
84 100
49 89.4 111.1 166.7#
51 69.3 34.3 51.5#
86 71.1 52.9 79.3



#25
2-Butanone
Concen: 1.908 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN063336.D
Acq: 14 Sep 2020 12:32

Tgt Ion: 43 Resp: 5920
Ion Ratio Lower Upper
43 100
72 23.0 19.4 29.2

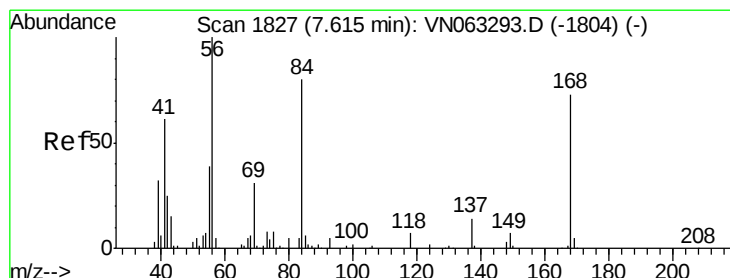
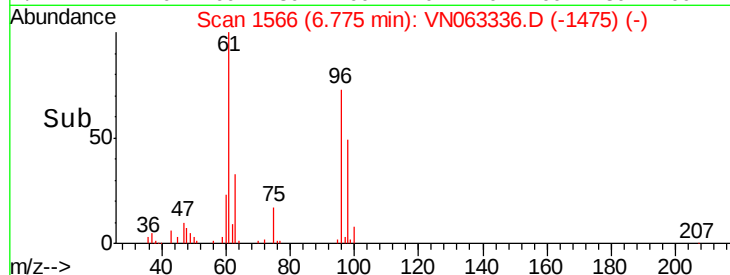
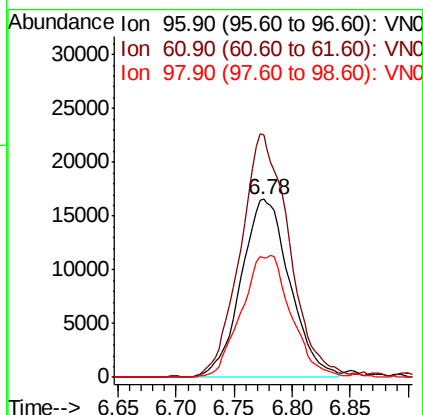
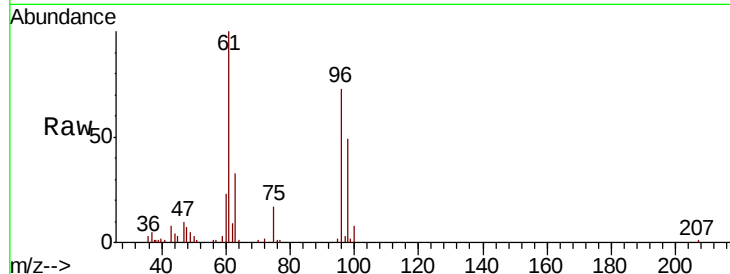




#27
 cis-1,2-Dichloroethene
 Concen: 8.771 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VN063336.D
 Acq: 14 Sep 2020 12:32

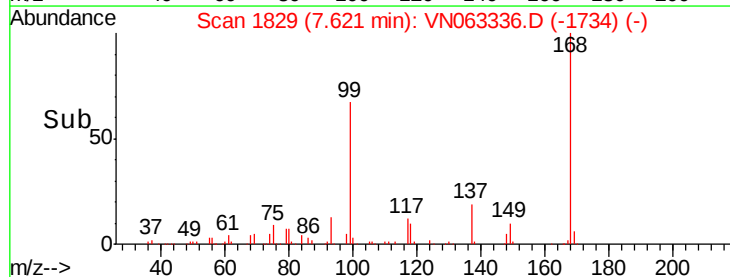
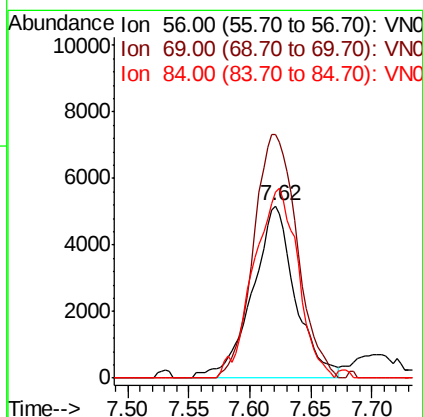
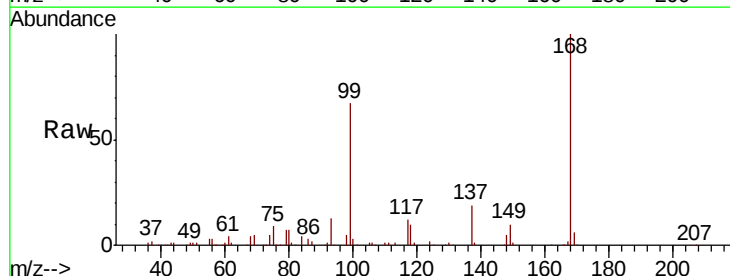
Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6ME

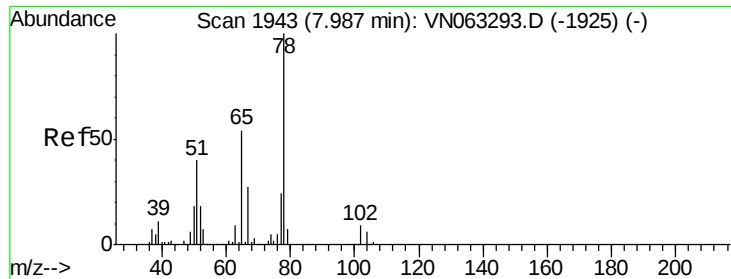
Tot Ion	96	Resp	48530
Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	322.8
98	69.2	0.0	132.2



#31
 Cyclohexane
 Concen: 1.480 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: VN063336.D
 Acq: 14 Sep 2020 12:32

Tgt Ion	56	Resp	12628
Ion	Ratio	Lower	Upper
56	100		
69	141.3	25.1	37.7#
84	108.1	64.2	96.2#





#33

1,2-Dichloroethane-d4

Concen: 48.852 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

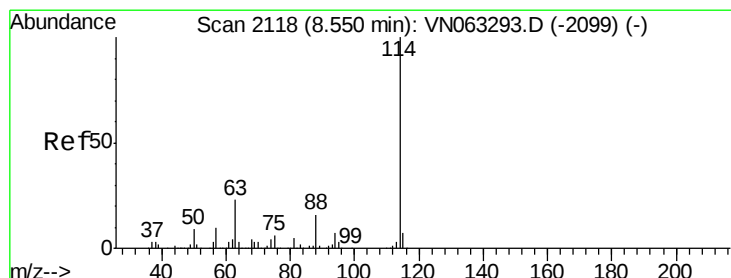
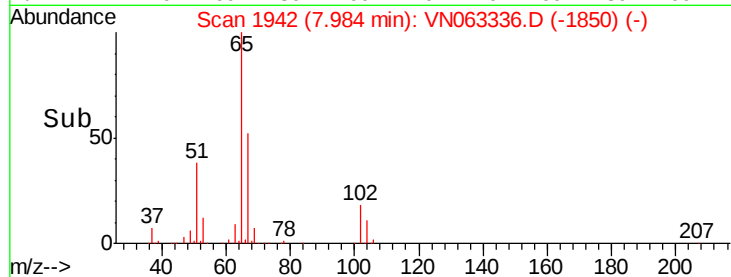
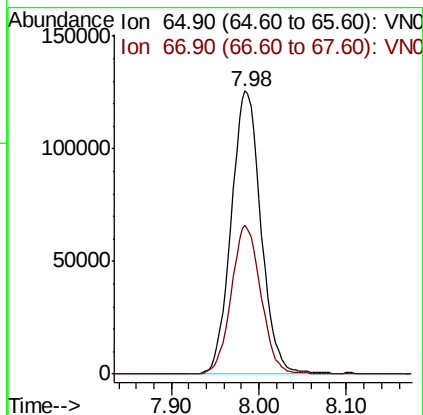
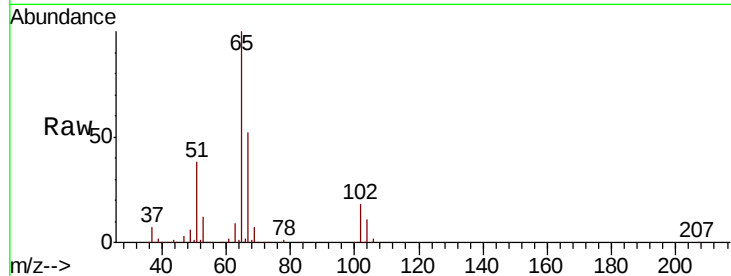
B19-4-6ME

Tot Ion: 65 Resp: 297144

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

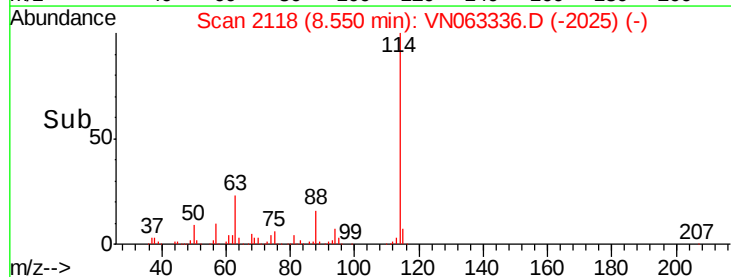
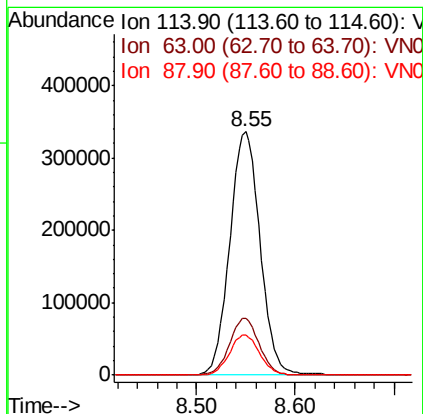
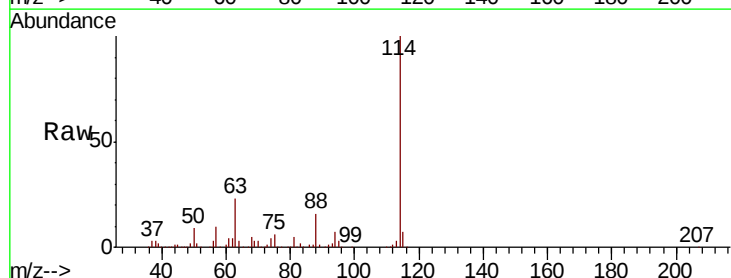
Tgt Ion: 114 Resp: 720010

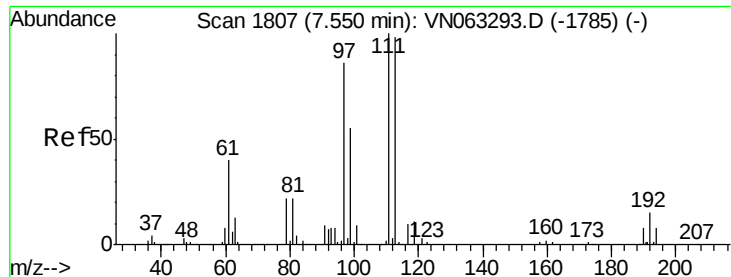
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.0

88 16.3 0.0 32.8

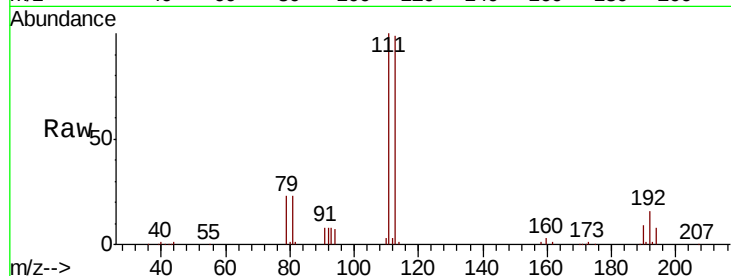




#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063336.D
 Acq: 14 Sep 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6ME

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.2	123.2
192	16.5	12.9	19.3

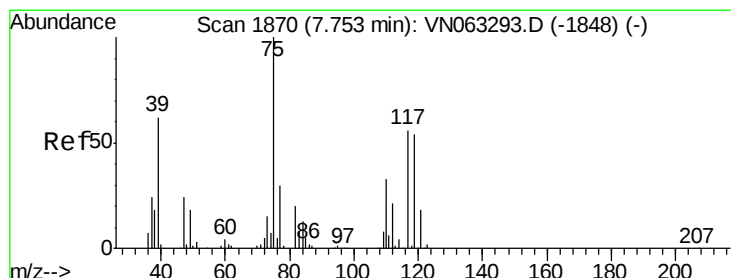
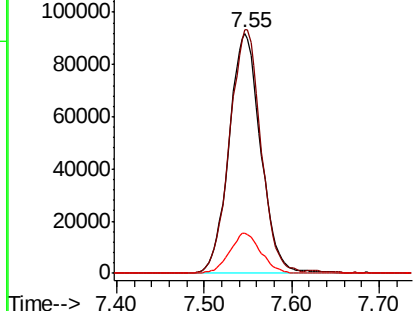
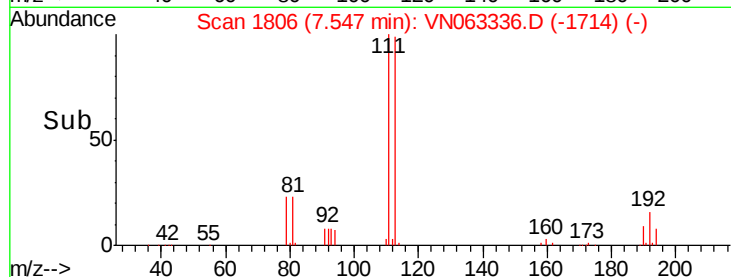


Abundance

Ion 112.80 (112.50 to 113.50): V

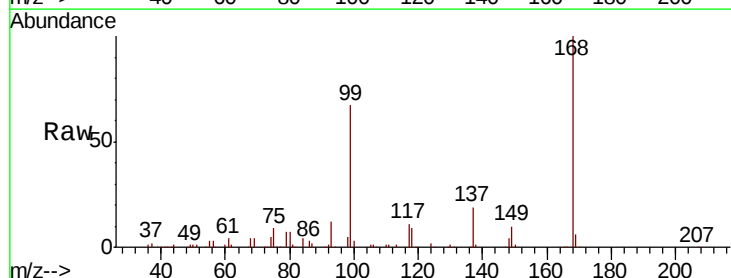
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.674 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063336.D
 Acq: 14 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	16.4	49.4#
77	0.4	24.8	37.2#

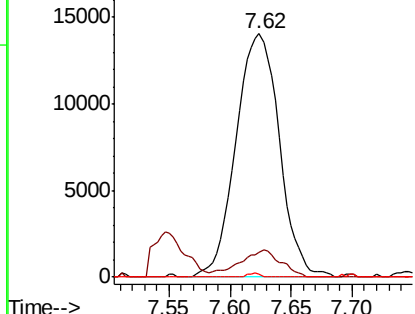
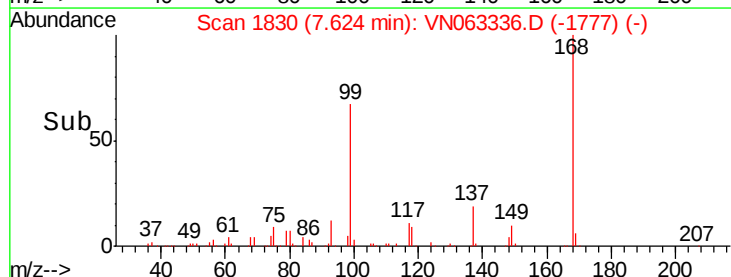


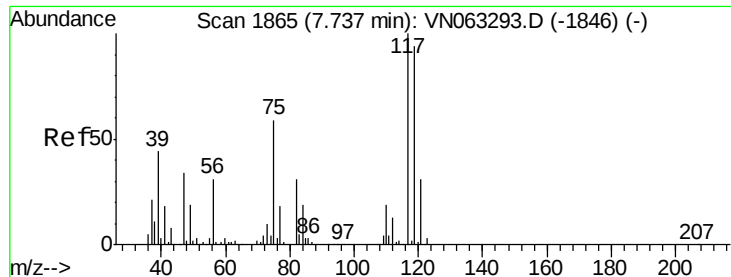
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.749 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.12 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

B19-4-6ME

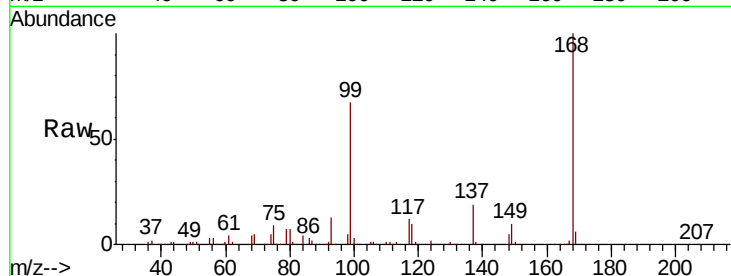
Tot Ion:117 Resp: 41877

Ion Ratio Lower Upper

117 100

119 4.3 75.3 112.9#

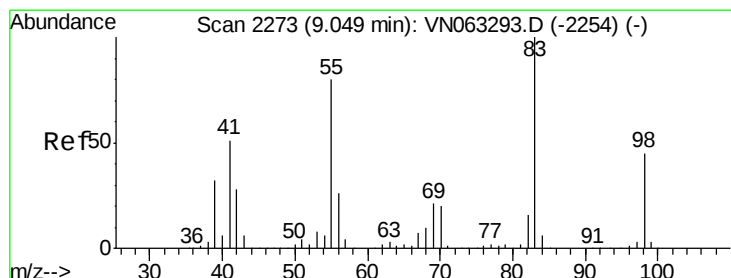
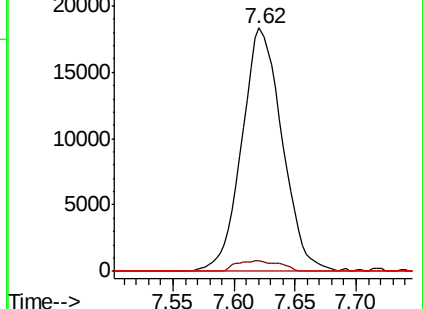
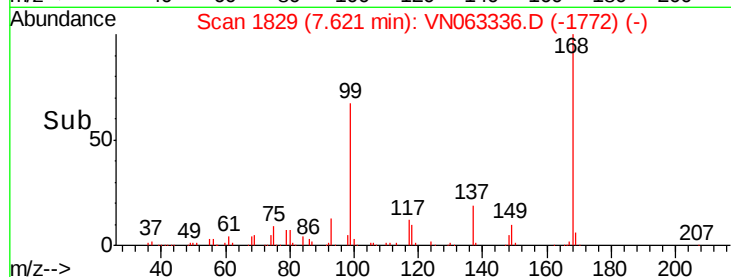
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.311 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

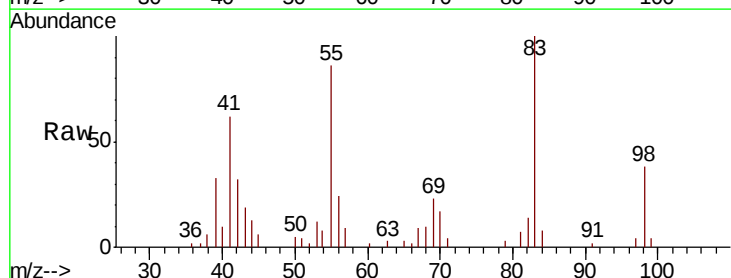
Tgt Ion: 83 Resp: 18661

Ion Ratio Lower Upper

83 100

55 81.9 64.0 96.0

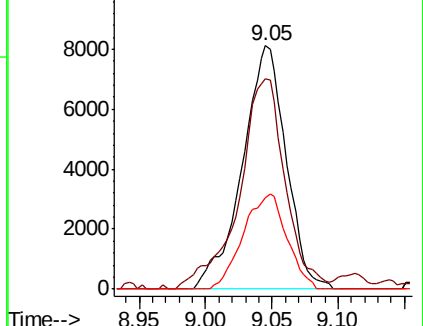
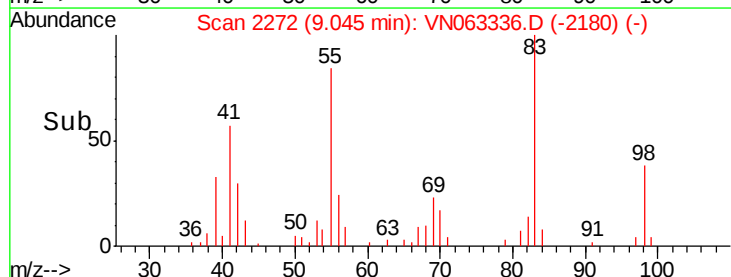
98 37.6 36.4 54.6

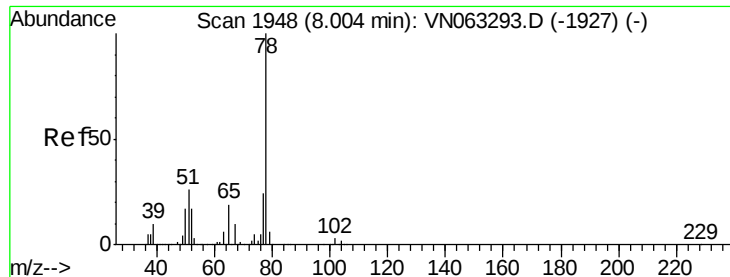


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 0.365 ug/l

RT: 8.00 min Scan# 1946

Delta R.T. -0.01 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

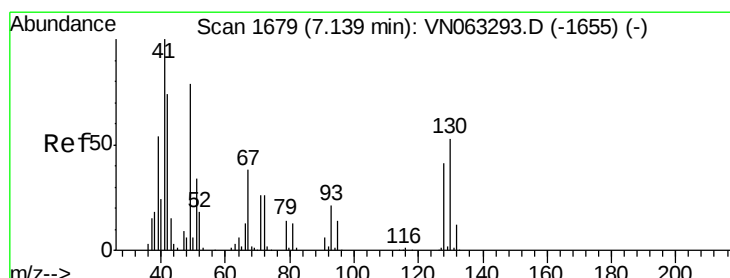
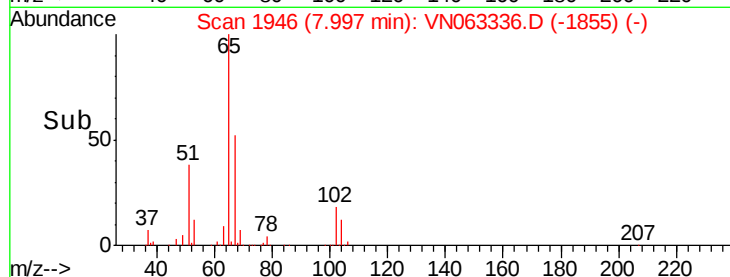
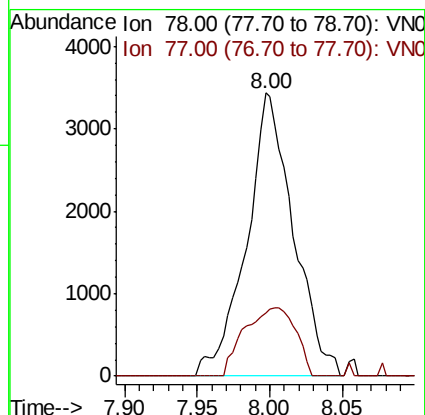
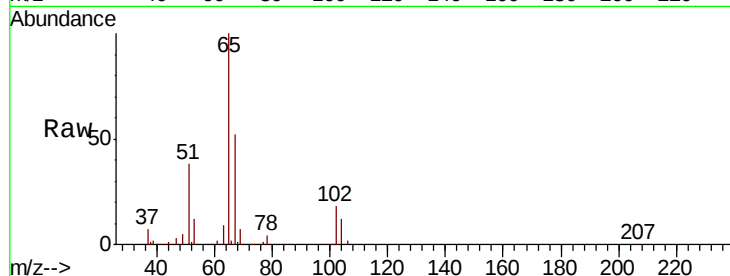
B19-4-6ME

Tot Ion: 78 Resp: 7715

Ion Ratio Lower Upper

78 100

77 22.5 18.8 28.2



#41

Methacrylonitrile

Concen: 0.257 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.02 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Tgt Ion: 41 Resp: 847

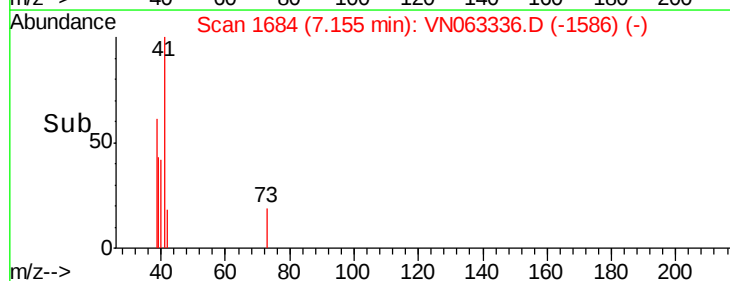
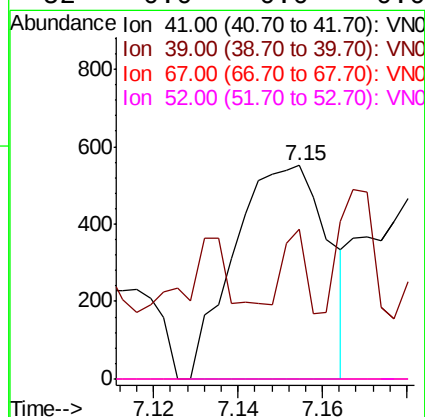
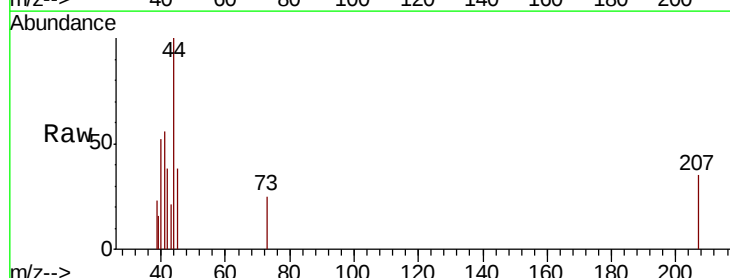
Ion Ratio Lower Upper

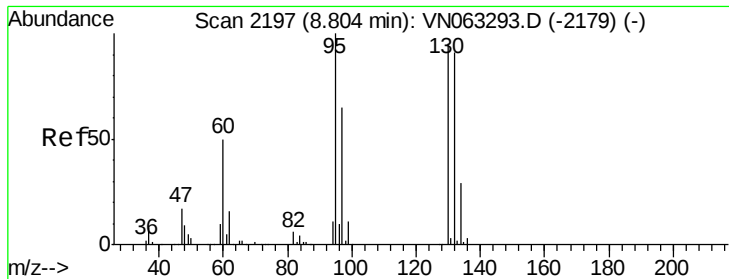
41 100

39 20.7 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#44

Trichloroethene

Concen: 10.476 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

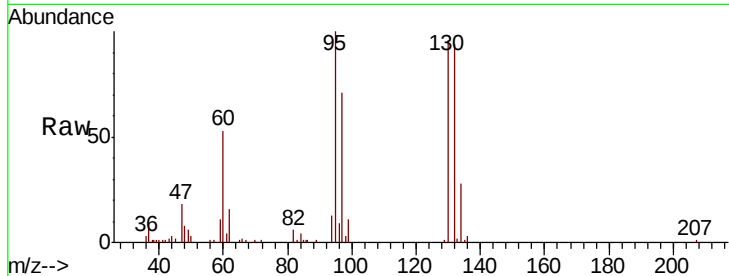
B19-4-6ME

Tot Ion:130 Resp: 57914

Ion Ratio Lower Upper

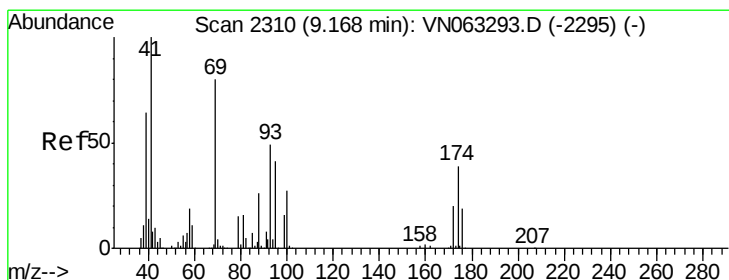
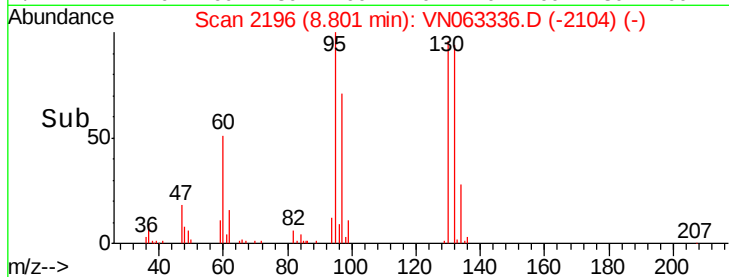
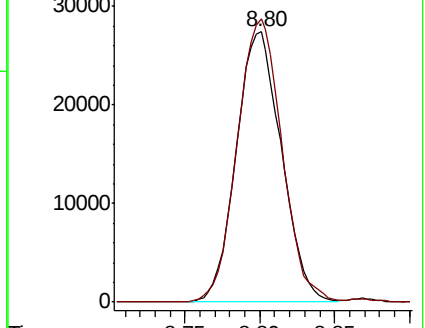
130 100

95 104.7 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#49

1,4-Dioxane

Concen: 2.031 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

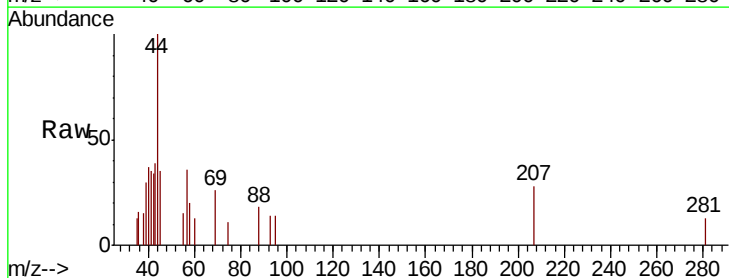
Tgt Ion: 88 Resp: 185

Ion Ratio Lower Upper

88 100

43 0.0 30.5 45.7#

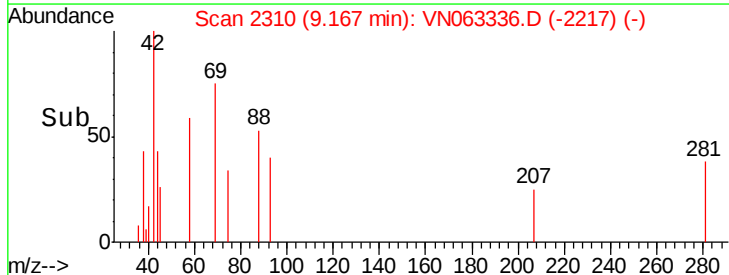
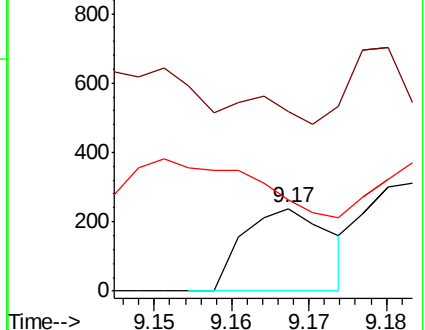
58 321.6 58.9 88.3#

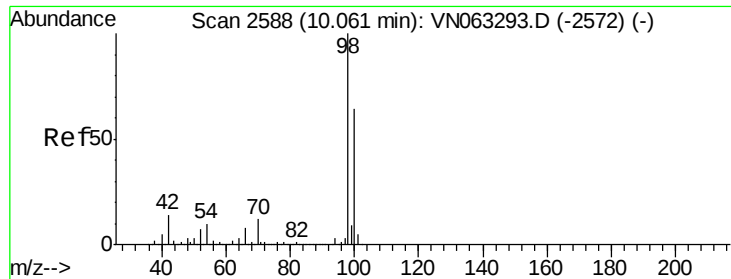


Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#50

Toluene-d8

Concen: 52.017 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

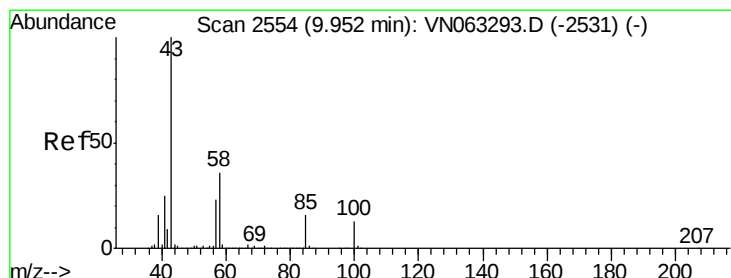
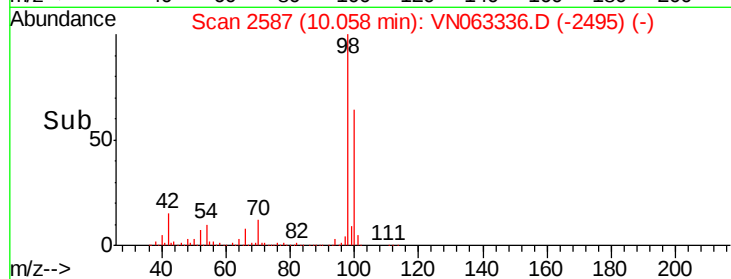
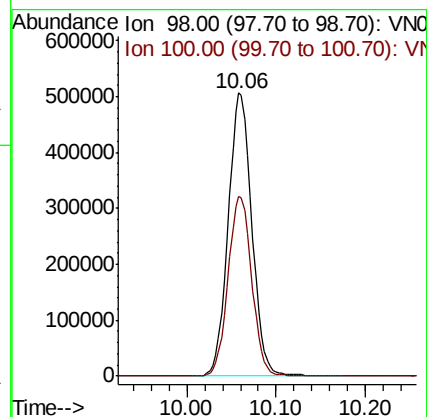
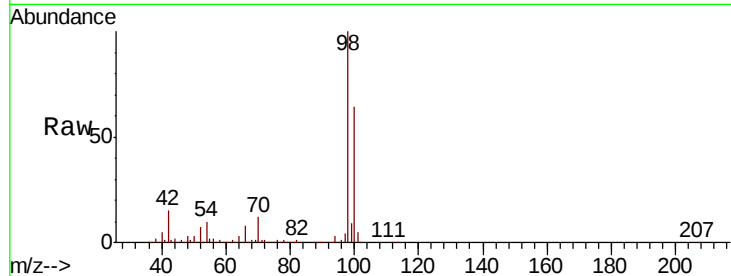
B19-4-6ME

Tot Ion: 98 Resp: 925933

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.322 ug/l

RT: 9.96 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN063336.D

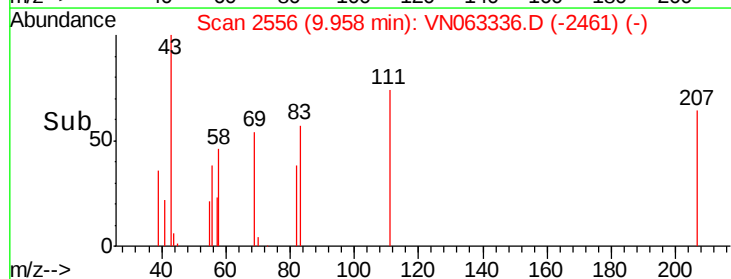
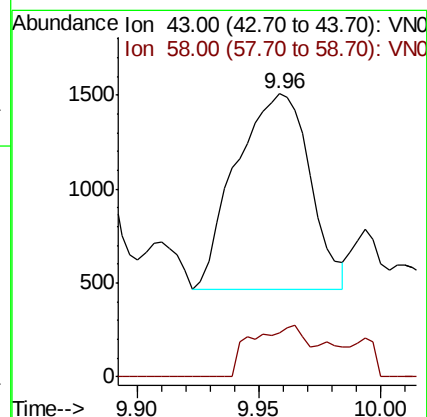
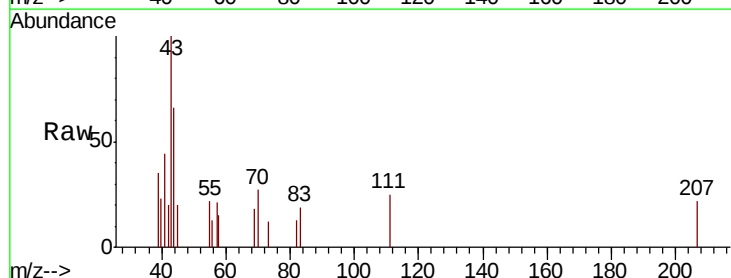
Acq: 14 Sep 2020 12:32

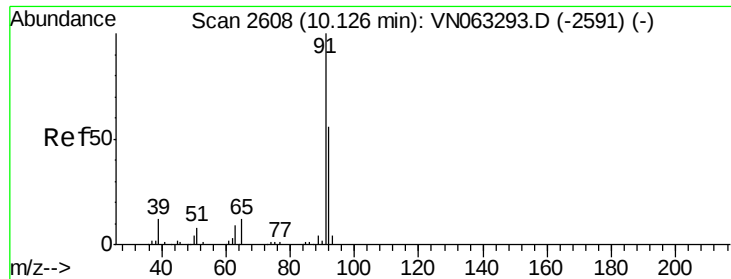
Tgt Ion: 43 Resp: 2186

Ion Ratio Lower Upper

43 100

58 20.9 29.0 43.4#





#52

Toluene

Concen: 0.582 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

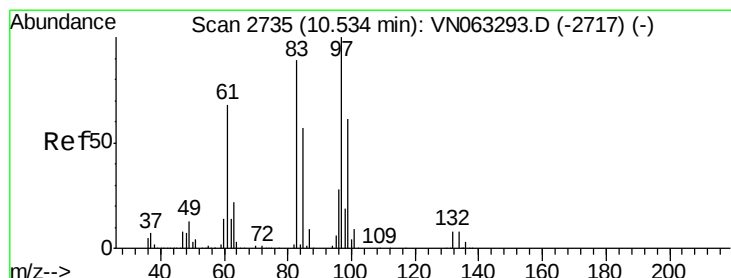
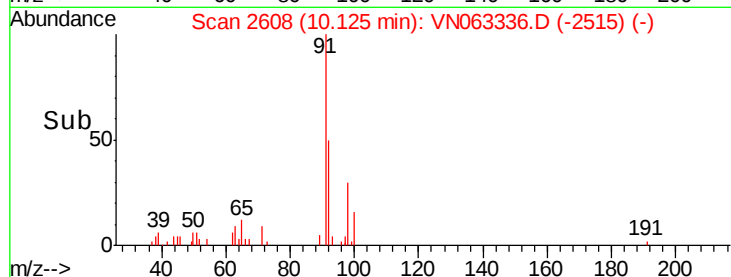
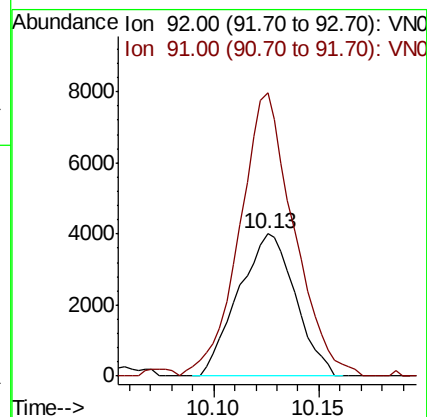
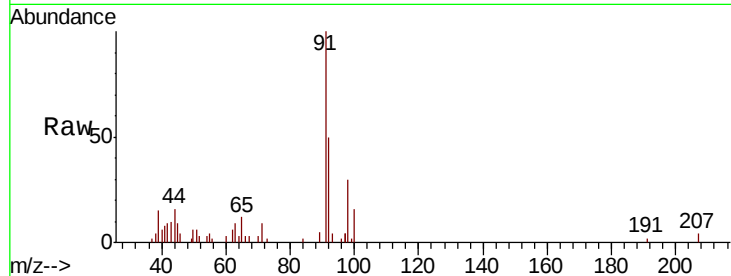
B19-4-6ME

Tot Ion: 92 Resp: 7508

Ion Ratio Lower Upper

92 100

91 190.1 141.2 211.8



#55

1,1,2-Trichloroethane

Concen: 1.123 ug/l

RT: 10.50 min Scan# 2723

Delta R.T. -0.04 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Tgt Ion: 97 Resp: 5681

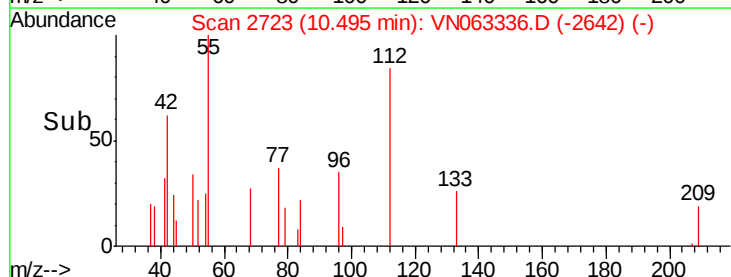
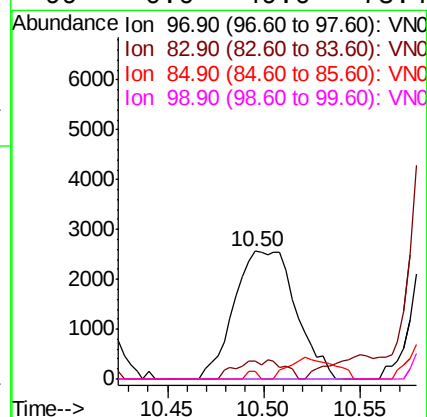
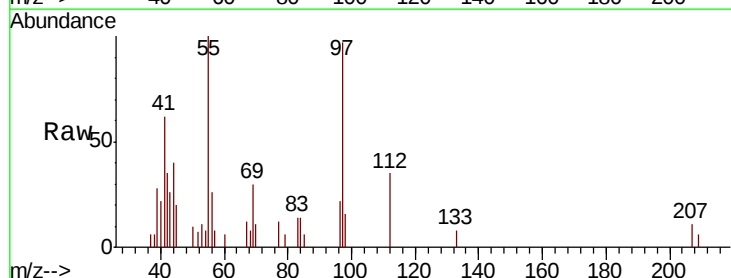
Ion Ratio Lower Upper

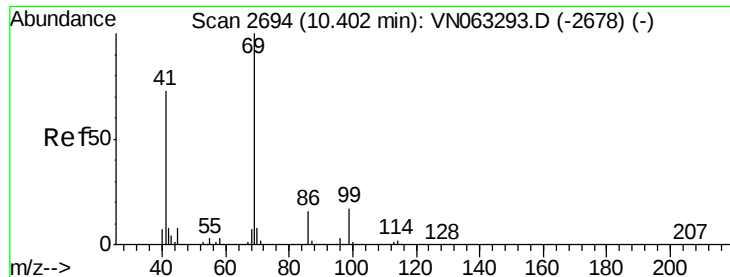
97 100

83 14.4 70.8 106.2#

85 6.2 45.6 68.4#

99 0.0 49.0 73.4#

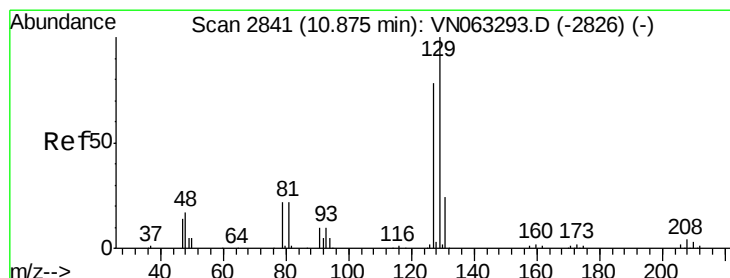
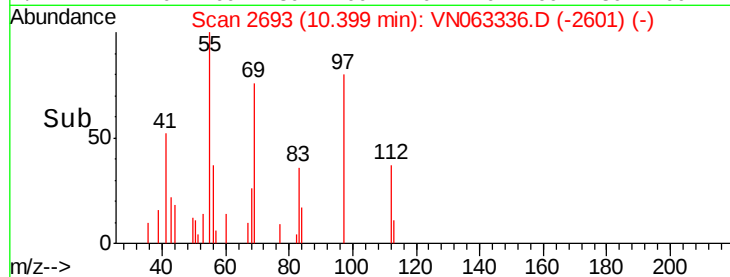
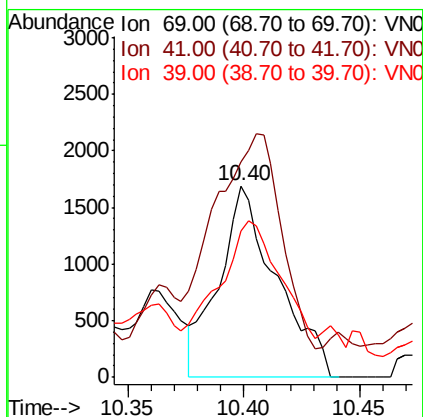
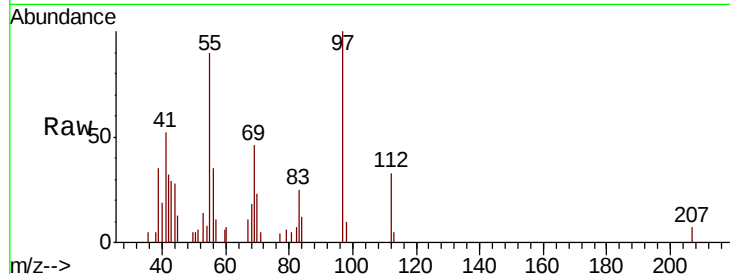




#56
Ethyl methacrylate
Concen: 0.378 ug/l
RT: 10.40 min Scan# 2693
Delta R.T. -0.00 min
Lab File: VN063336.D
Acq: 14 Sep 2020 12:32

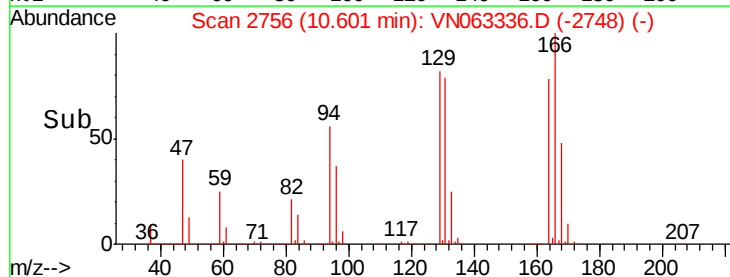
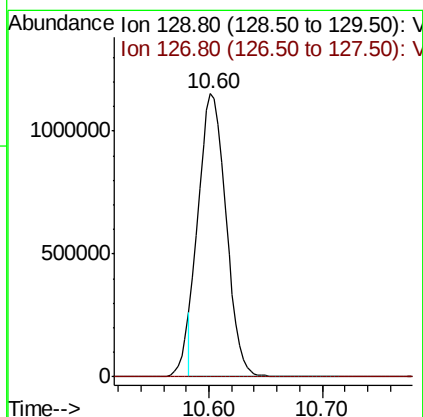
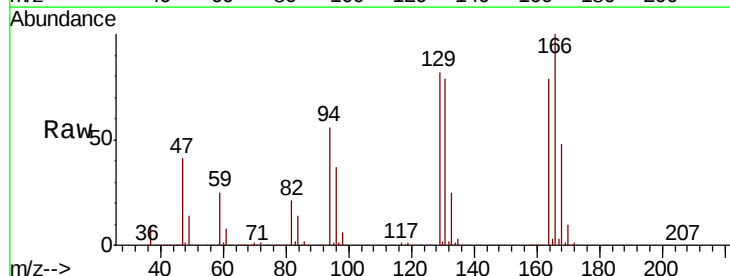
Instrument :
MSVOA_N
ClientSampleId :
B19-4-6ME

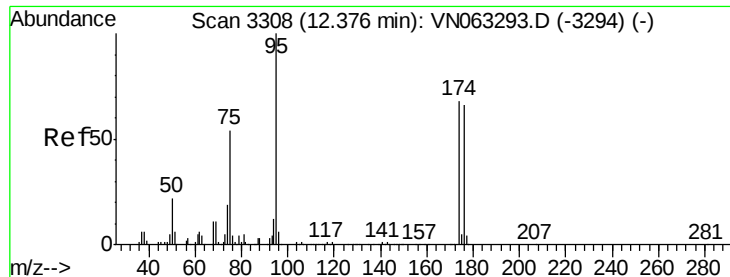
Tot Ion: 69 Resp: 2907
Ion Ratio Lower Upper
69 100
41 129.3 58.4 87.6#
39 63.5 38.6 58.0#



#60
Dibromochloromethane
Concen: 347.151 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN063336.D
Acq: 14 Sep 2020 12:32

Tgt Ion: 129 Resp: 1927876
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#





#62

4-Bromofluorobenzene

Concen: 54.526 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

B19-4-6ME

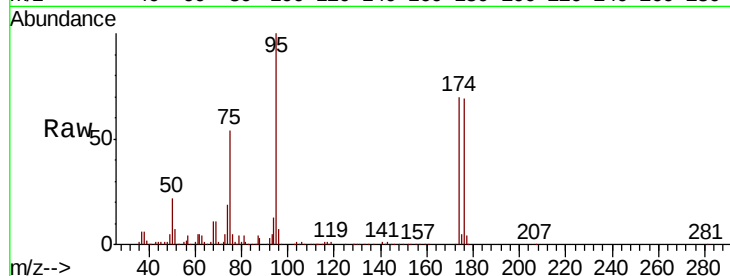
Tot Ion: 95 Resp: 358489

Ion Ratio Lower Upper

95 100

174 71.2 0.0 136.6

176 67.7 0.0 132.8



Abundance Ion 94.90 (94.60 to 95.60): VN063336.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063336.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063336.D (-3215) (-)

12.38

250000

200000

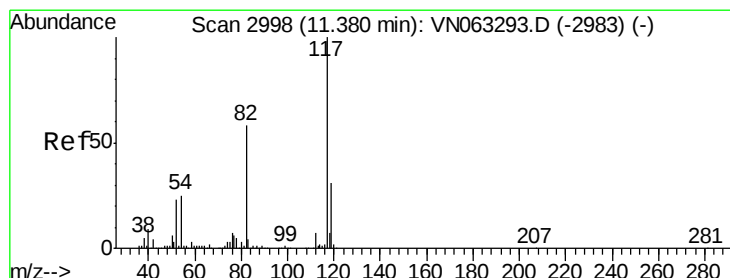
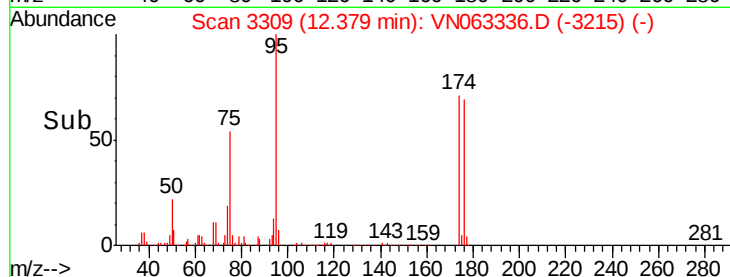
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

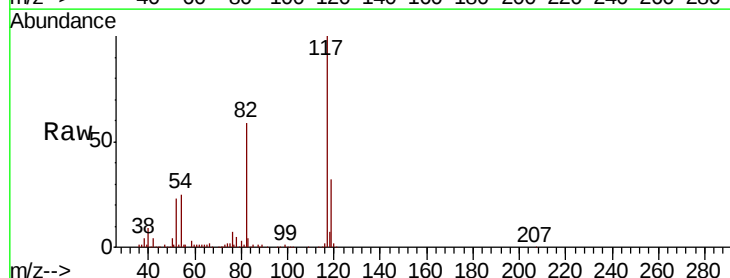
Tgt Ion: 117 Resp: 708888

Ion Ratio Lower Upper

117 100

82 58.6 46.4 69.6

119 31.8 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): VN063336.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063336.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063336.D (-2905) (-)

11.38

500000

400000

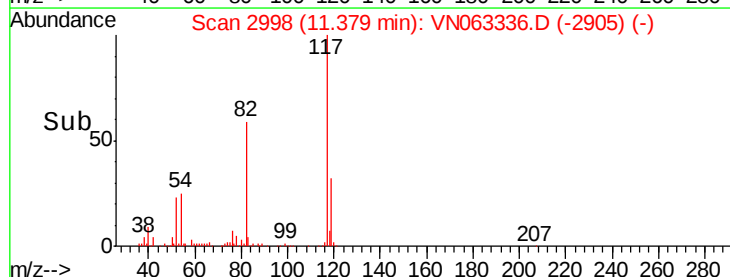
300000

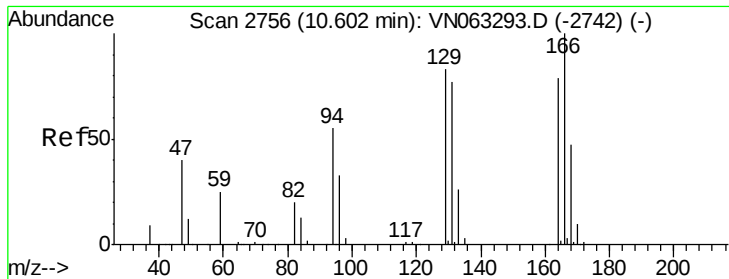
200000

100000

0

Time-->





#64

Tetrachloroethene

Concen: 339.355 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

B19-4-6ME

Tot Ion:164 Resp: 1970696

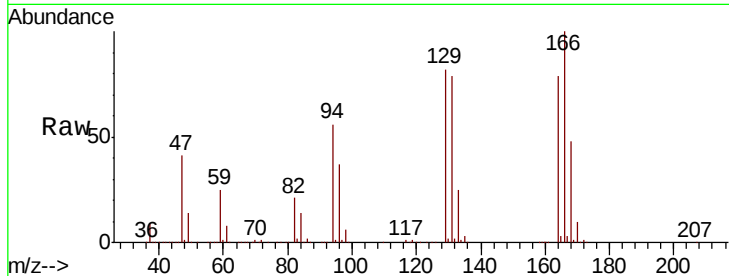
Ion Ratio Lower Upper

164 100

166 127.3 101.3 151.9

129 104.4 83.7 125.5

131 100.7 78.2 117.4

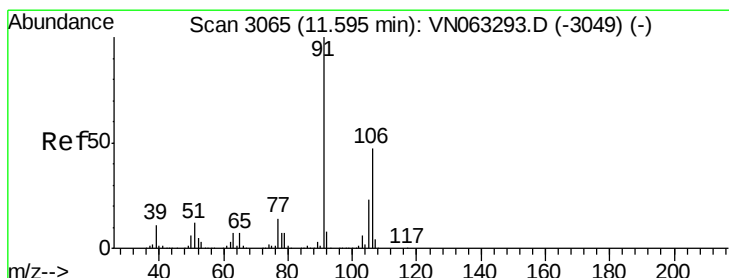
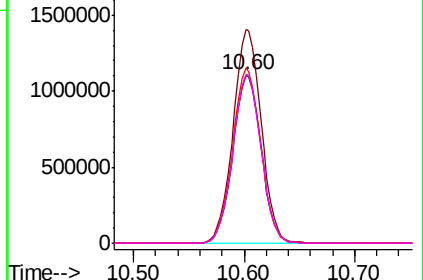
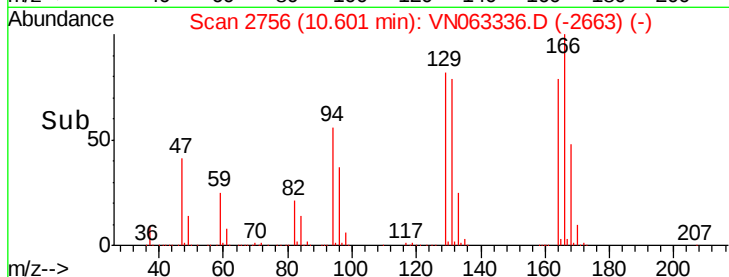


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 0.916 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN063336.D

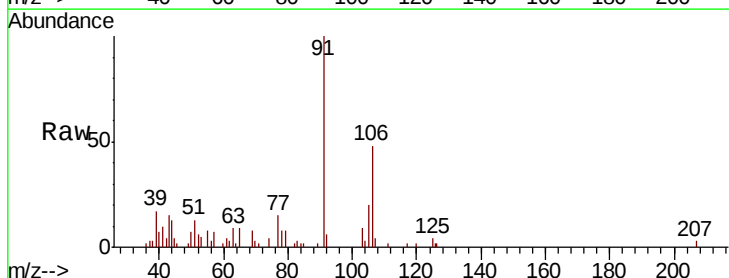
Acq: 14 Sep 2020 12:32

Tgt Ion:106 Resp: 9285

Ion Ratio Lower Upper

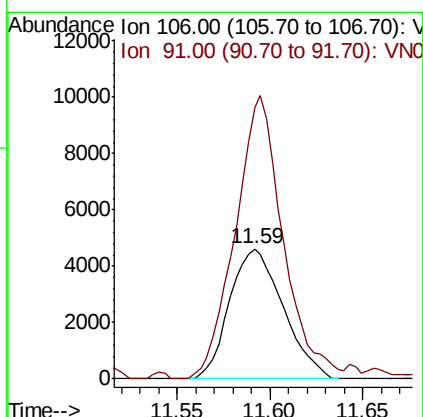
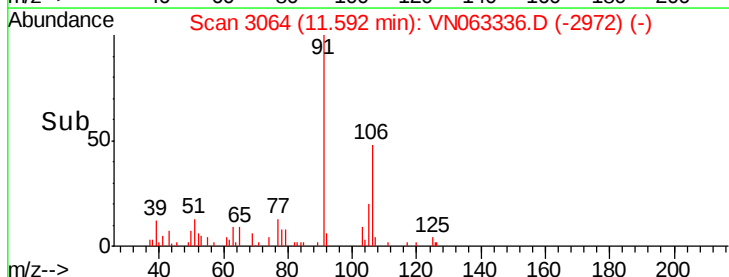
106 100

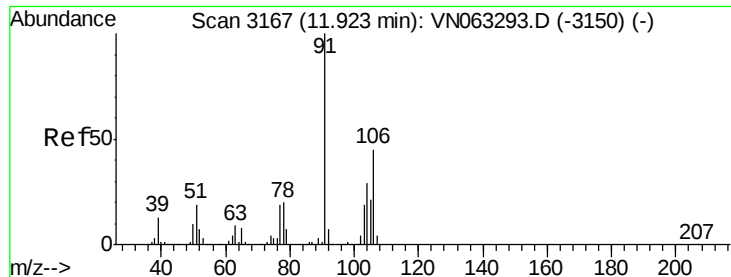
91 195.2 169.8 254.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

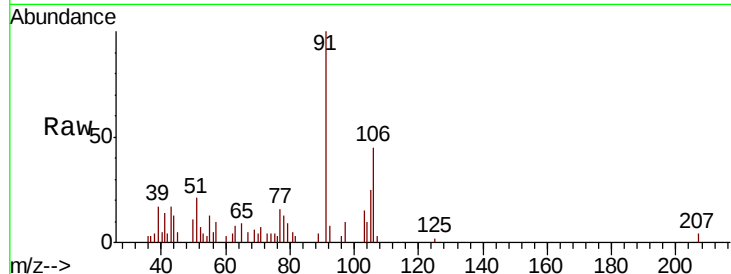




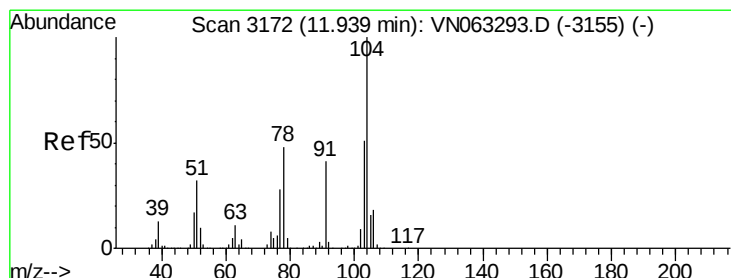
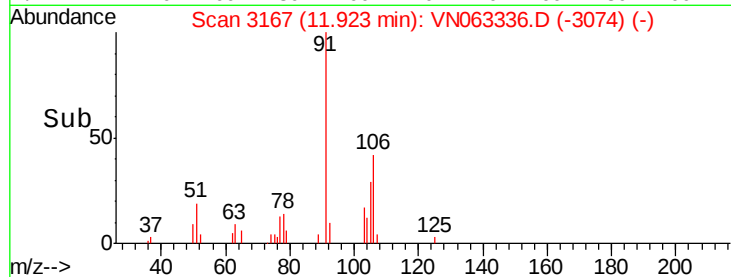
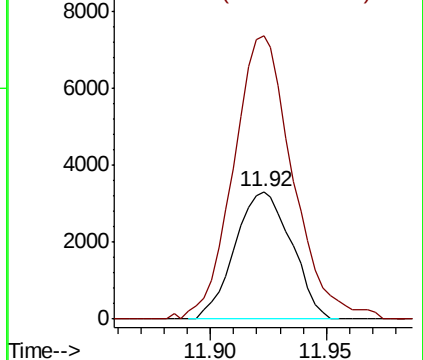
#69
o-Xylene
Concen: 0.577 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063336.D
Acq: 14 Sep 2020 12:32

Instrument :
MSVOA_N
ClientSampled :
B19-4-6ME

Tot Ion:106 Resp: 5610
Ion Ratio Lower Upper
106 100
91 233.5 111.5 334.4

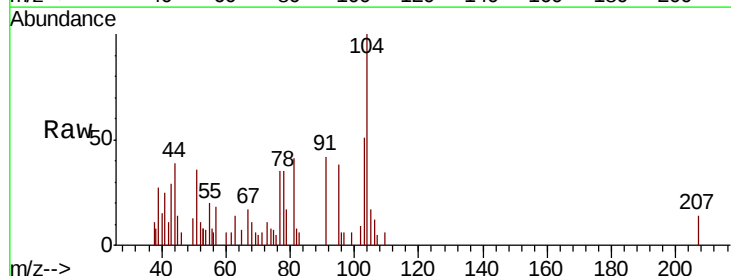


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

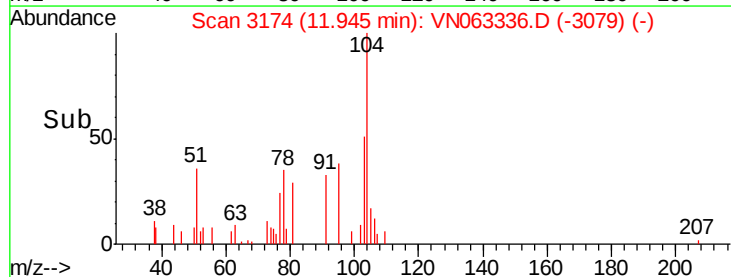
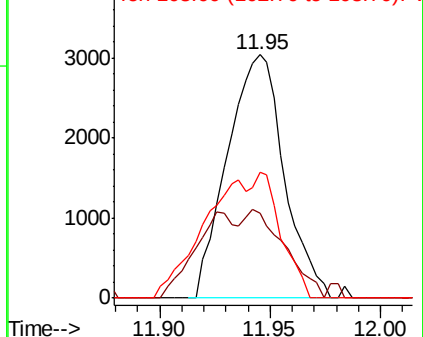


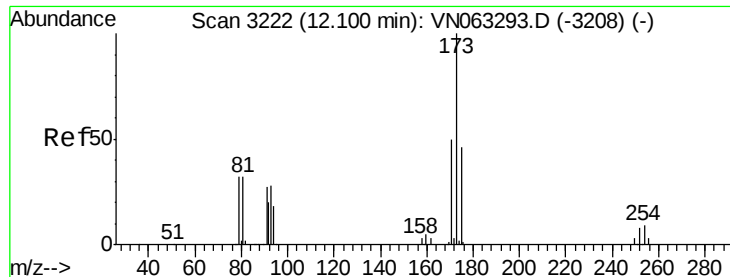
#70
Styrene
Concen: 0.336 ug/l
RT: 11.95 min Scan# 3174
Delta R.T. 0.01 min
Lab File: VN063336.D
Acq: 14 Sep 2020 12:32

Tgt Ion:104 Resp: 5424
Ion Ratio Lower Upper
104 100
78 26.6 42.9 64.3#
103 39.6 44.2 66.2#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.201 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

B19-4-6ME

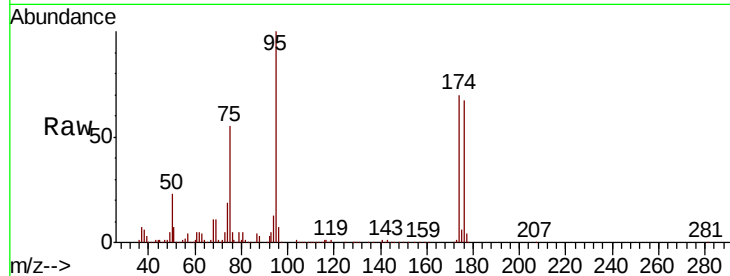
Tot Ion:173 Resp: 774

Ion Ratio Lower Upper

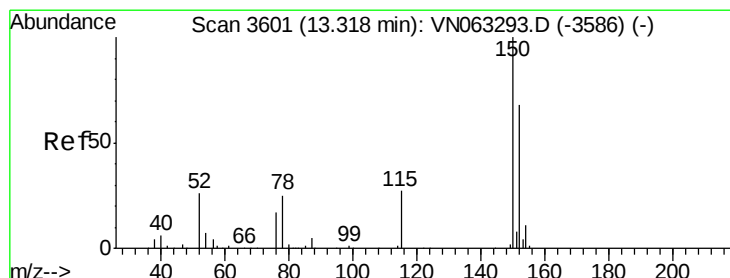
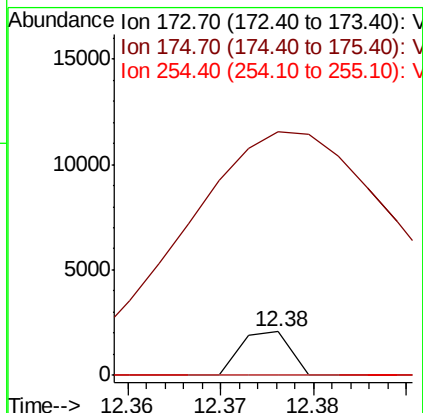
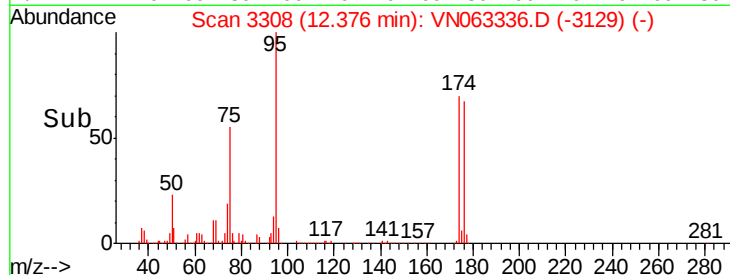
173 100

175 2048.6 23.8 71.5#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

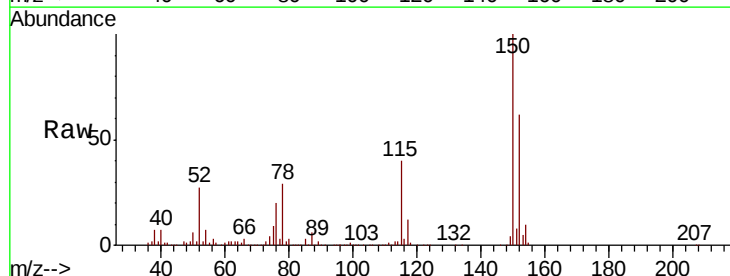
Tgt Ion:152 Resp: 316896

Ion Ratio Lower Upper

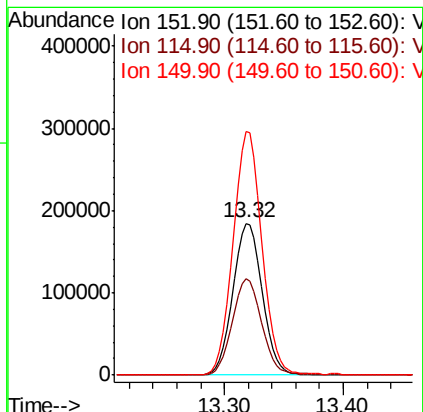
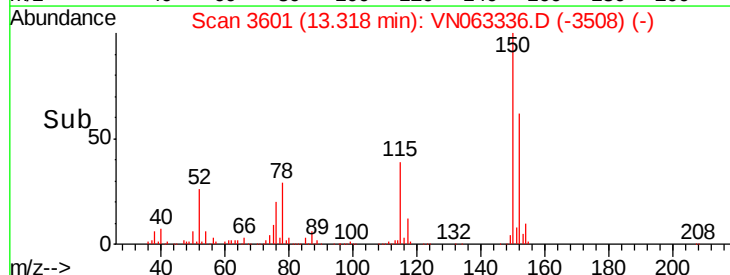
152 100

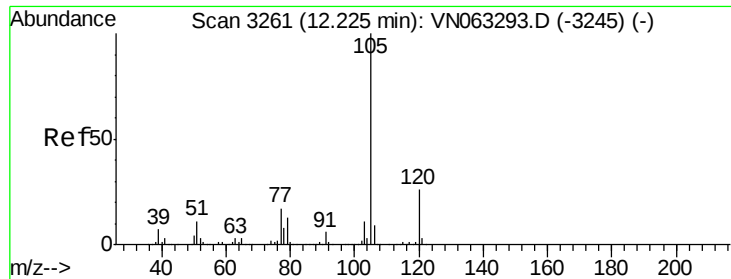
115 62.8 31.5 94.5

150 157.0 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.307 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

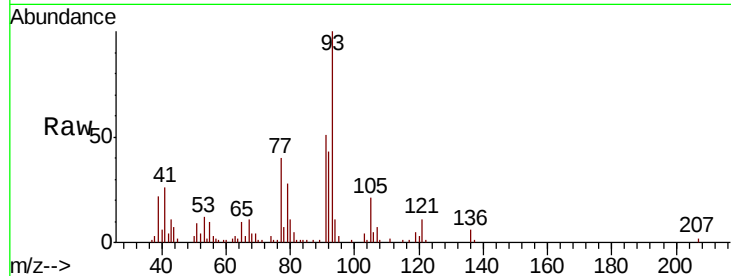
B19-4-6ME

Tot Ion:105 Resp: 7845

Ion Ratio Lower Upper

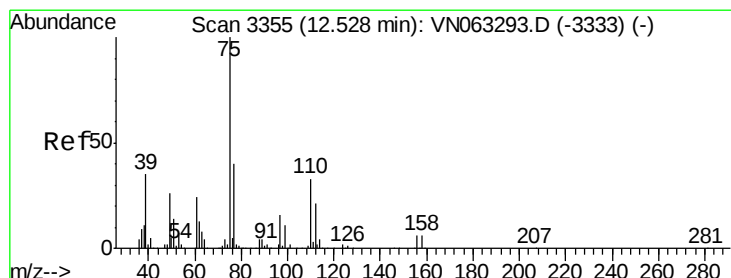
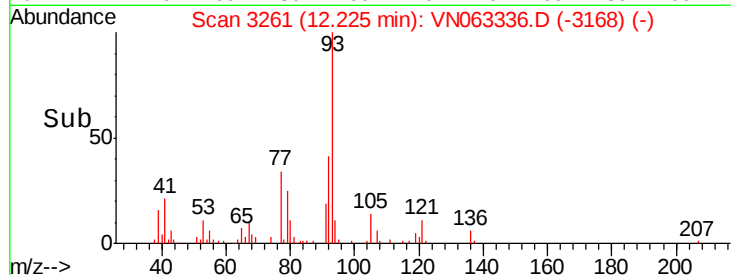
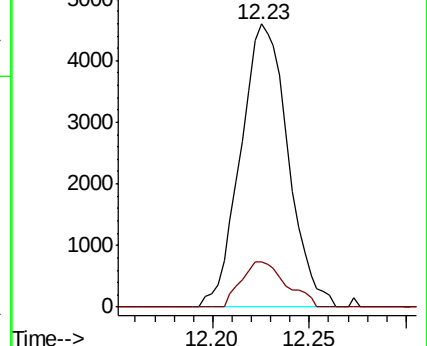
105 100

120 15.1 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 28.043 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063336.D

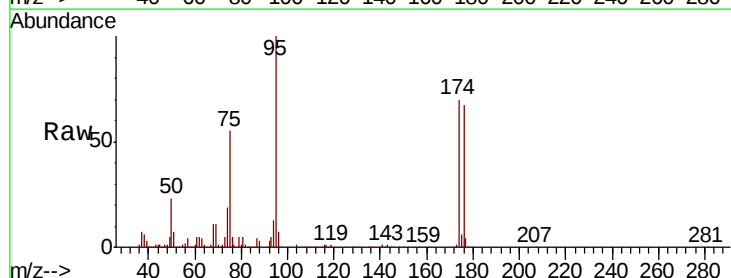
Acq: 14 Sep 2020 12:32

Tgt Ion: 75 Resp: 196056

Ion Ratio Lower Upper

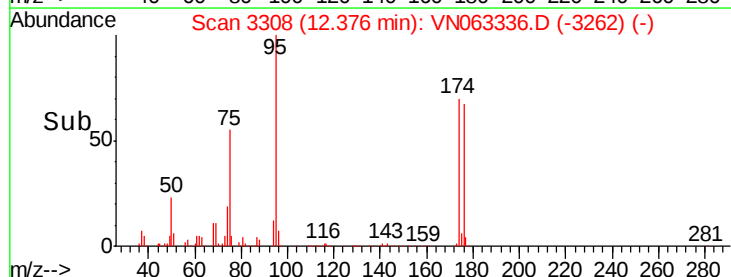
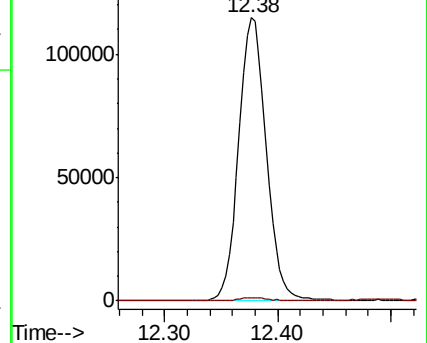
75 100

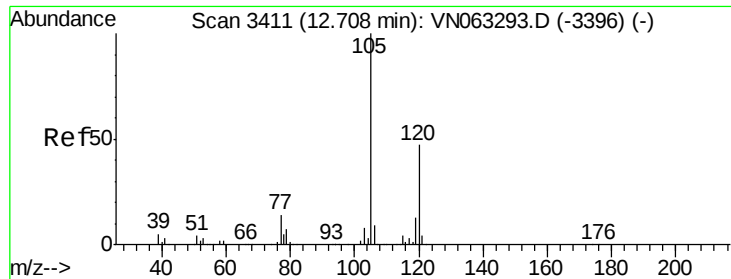
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

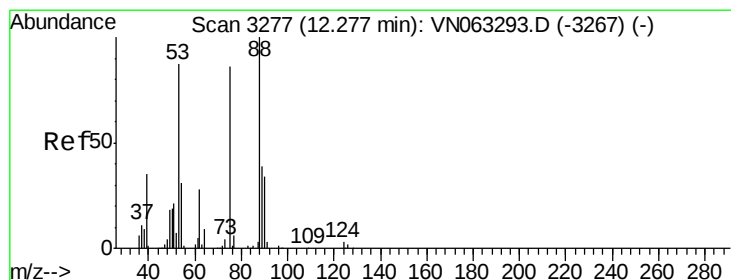
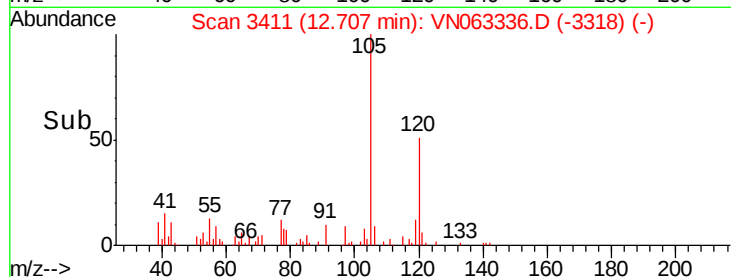
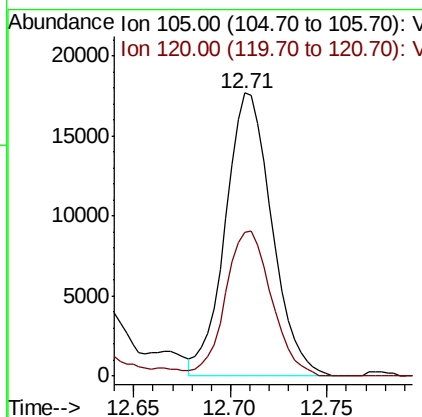
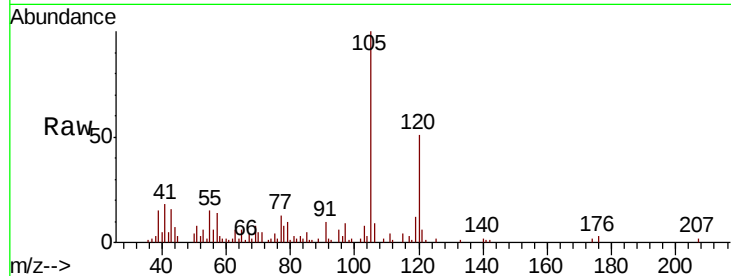




#80
 1,3,5-Trimethylbenzene
 Concen: 1.394 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063336.D
 Acq: 14 Sep 2020 12:32

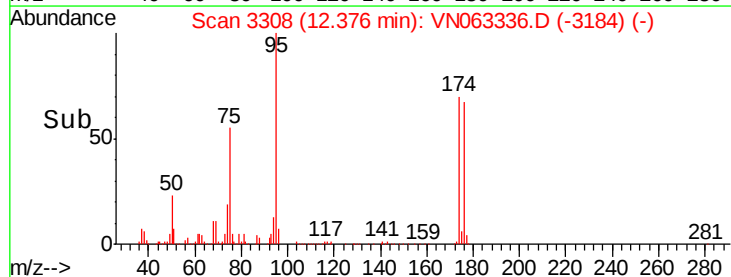
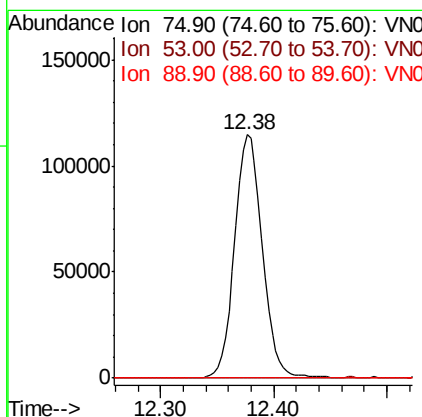
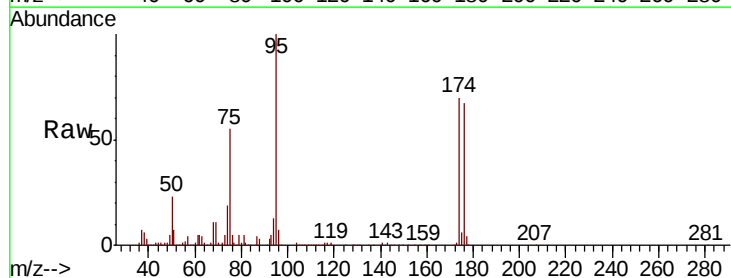
Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6ME

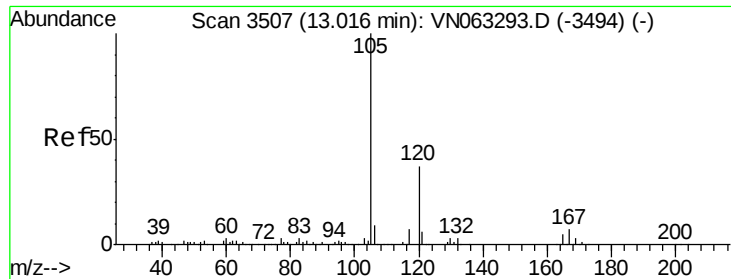
Tot Ion:105 Resp: 29582
 Ion Ratio Lower Upper
 105 100
 120 50.7 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.347 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063336.D
 Acq: 14 Sep 2020 12:32

Tgt Ion: 75 Resp: 196056
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.8 122.8#
 89 0.0 36.7 55.1#

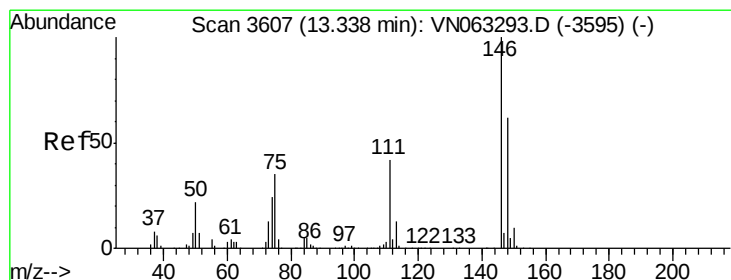
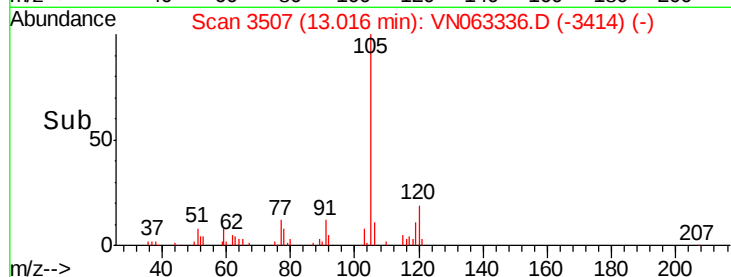
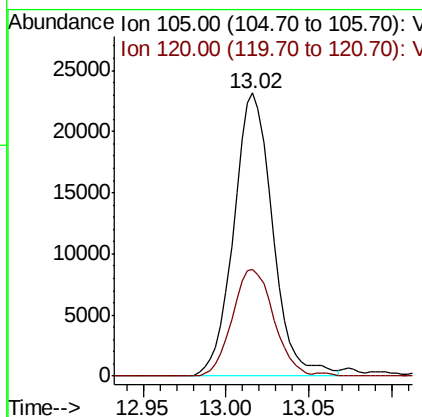
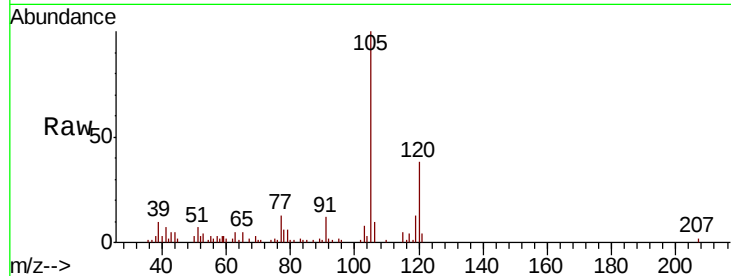




#84
 1,2,4-Trimethylbenzene
 Concen: 1.767 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063336.D
 Acq: 14 Sep 2020 12:32

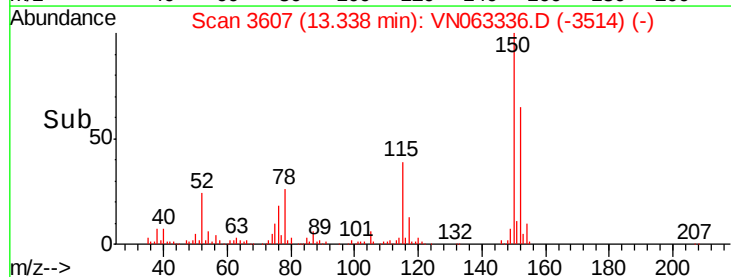
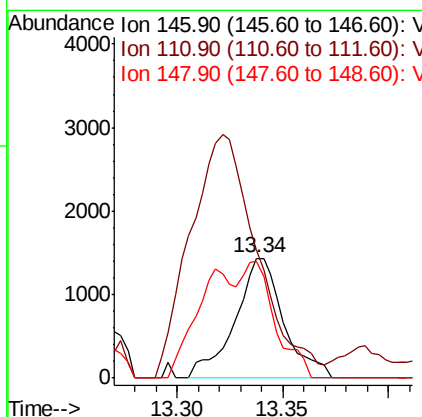
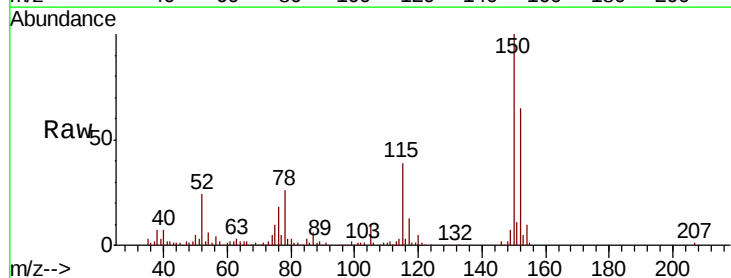
Instrument :
 MSVOA_N
 ClientSampled :
 B19-4-6ME

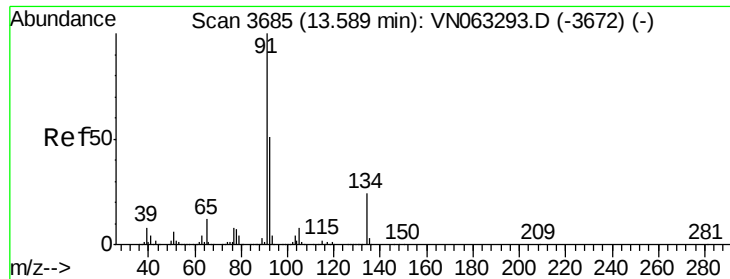
Tot Ion:105 Resp: 37807
 Ion Ratio Lower Upper
 105 100
 120 39.9 21.8 65.4



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063336.D
 Acq: 14 Sep 2020 12:32

Tgt Ion:146 Resp: 2303
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.3 64.0#
 148 66.2 31.5 94.5

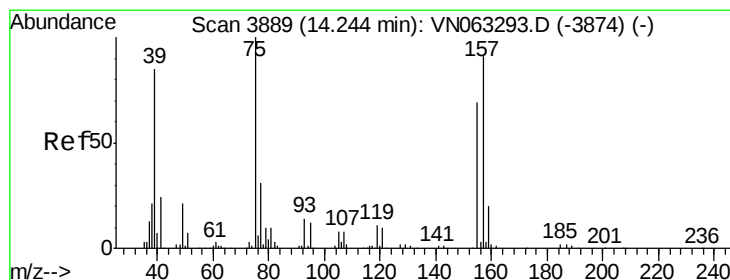
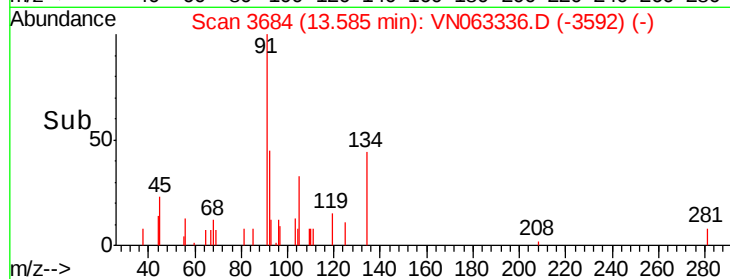
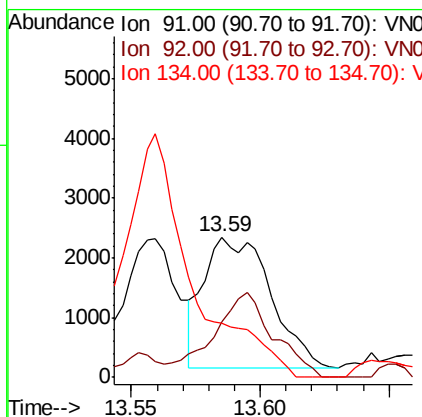
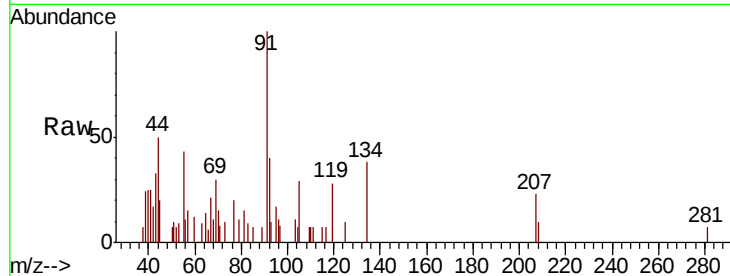




#89
n-Butylbenzene
Concen: 0.205 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN063336.D
Acq: 14 Sep 2020 12:32

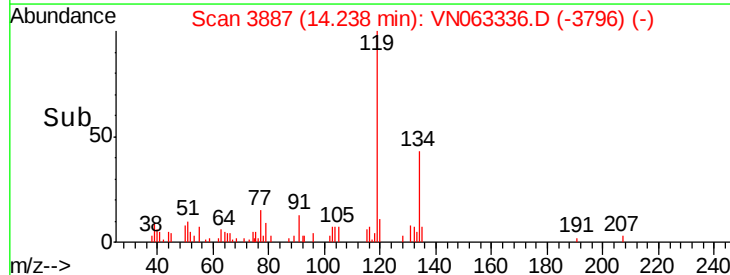
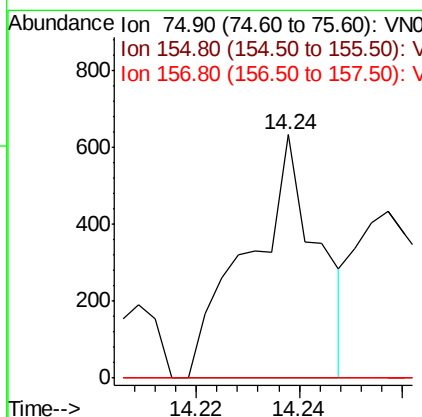
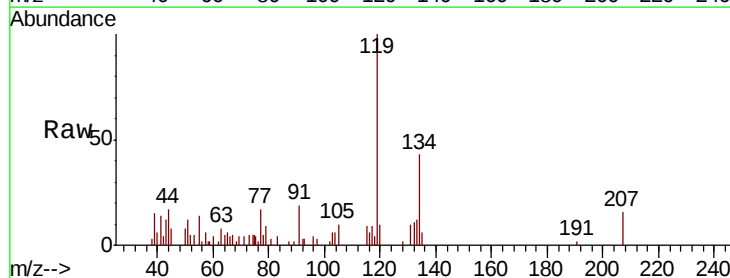
Instrument :
MSVOA_N
ClientSampled :
B19-4-6ME

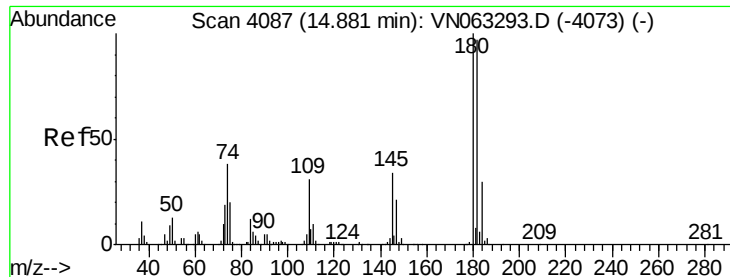
Tot Ion: 91 Resp: 3888
Ion Ratio Lower Upper
91 100
92 59.6 25.8 77.3
134 0.0 12.0 36.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.351 ug/l
RT: 14.24 min Scan# 3887
Delta R.T. -0.01 min
Lab File: VN063336.D
Acq: 14 Sep 2020 12:32

Tgt Ion: 75 Resp: 585
Ion Ratio Lower Upper
75 100
155 0.0 35.3 105.7#
157 0.0 46.7 140.0#

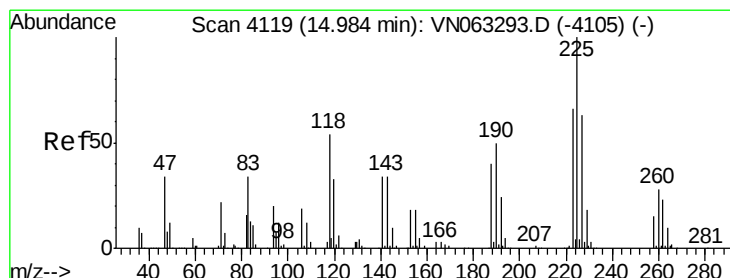
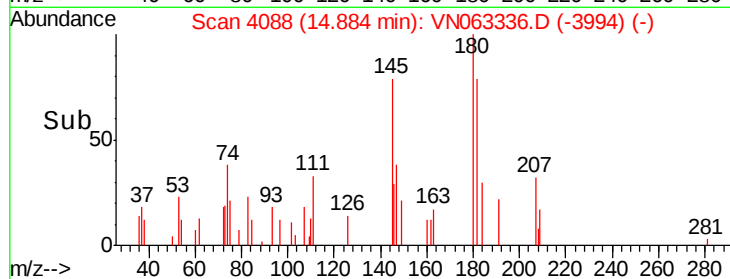
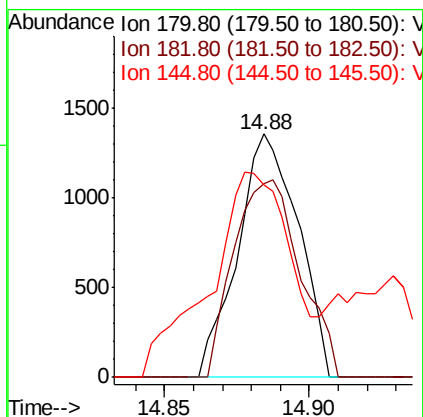
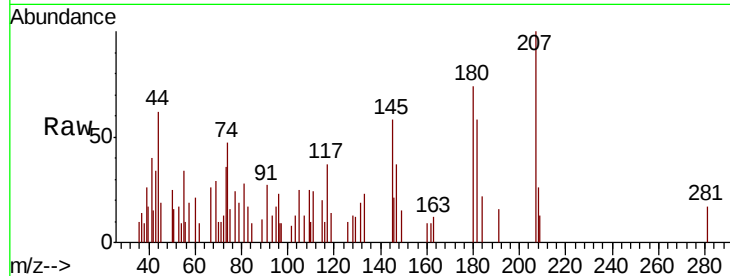




#93
 1,2,4-Trichlorobenzene
 Concen: 0.316 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063336.D
 Acq: 14 Sep 2020 12:32

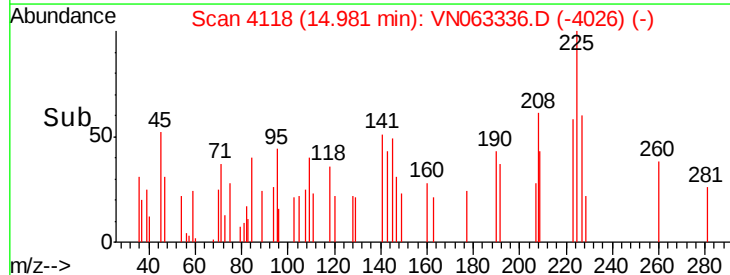
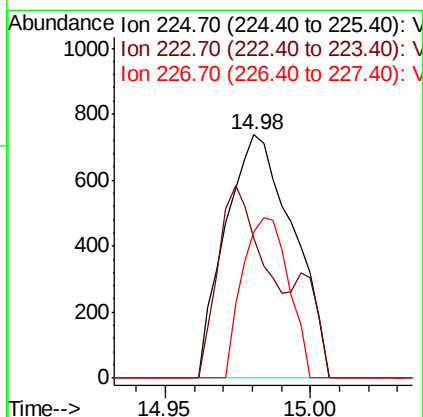
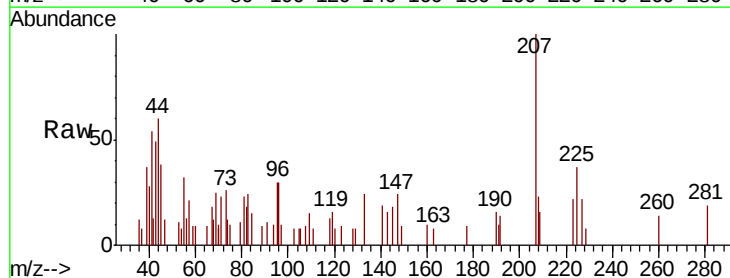
Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6ME

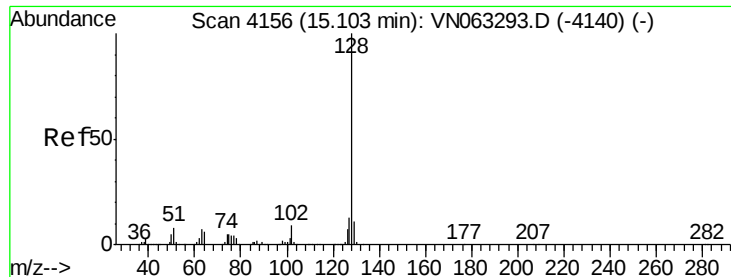
Tot Ion:180 Resp: 1962
 Ion Ratio Lower Upper
 180 100
 182 89.5 48.0 144.2
 145 111.5 16.6 49.8#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063336.D
 Acq: 14 Sep 2020 12:32

Tgt Ion:225 Resp: 1197
 Ion Ratio Lower Upper
 225 100
 223 54.7 31.3 93.9
 227 44.9 31.2 93.6





#95

Naphthalene

Concen: 103.085 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

B19-4-6ME

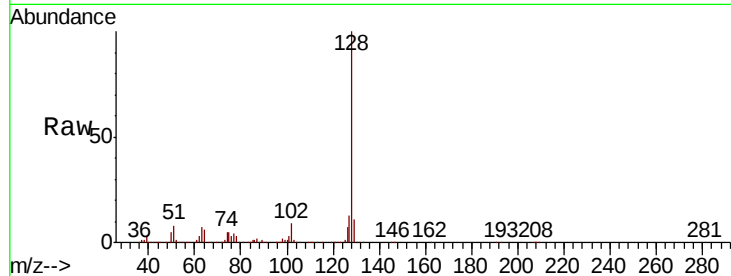
Tot Ion:128 Resp: 1915033

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

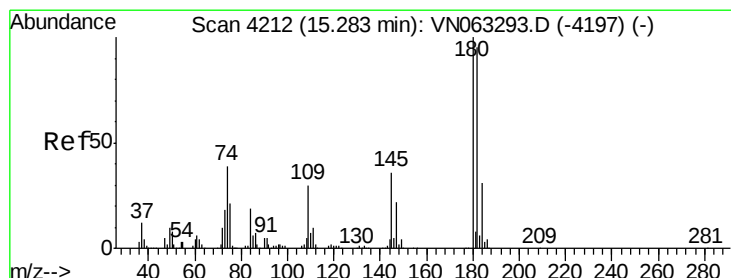
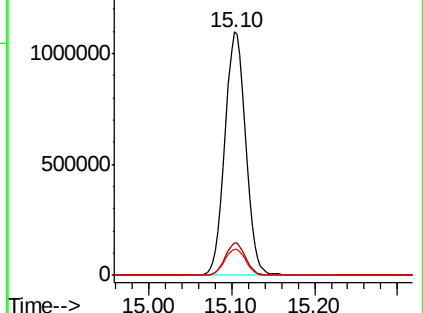
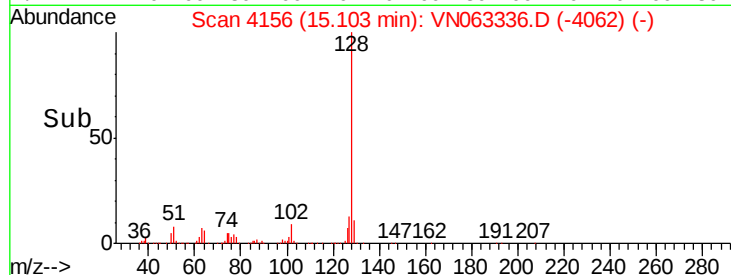
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: Below Cal

RT: 15.28 min Scan# 4210

Delta R.T. -0.01 min

Lab File: VN063336.D

Acq: 14 Sep 2020 12:32

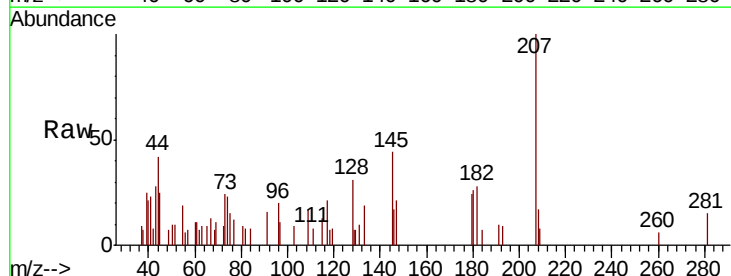
Tgt Ion:180 Resp: 899

Ion Ratio Lower Upper

180 100

182 243.2 47.4 142.3#

145 251.3 17.2 51.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

